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# Price List 2022-23

## Quality, Service & Value



**GeM**  
Government  
eMarketplace



Leading Manufacturer & Exporter of Scientific Lab & Medical Equipment

### PLT-101 AUTOCLAVE VERTICAL "TANCO" €€

Inner & Outer chamber made of SS (Lid- S.Steel lined) is tightened by radial locking/Wing Nut. Provided with Pressure gauge (0-2.1 kgf/cm<sup>2</sup>) safety device S.S. basket, water level indicator, drain valve and neoprene/silicon gasket. Working Temperature Upto 121°C & **Operating Pressure upto 15-20 PSI (Adjustable)**, Workable on 220 / 230 volts A.C.

Item No.	Height X Dia	Height x Dia	Capacity (Approx.)	Load	Wing Nut Type	Radial Locking
ACV-1	450mm x 250mm	18" x 10"	22 Ltr	2.0 KW	46000.00	69000.00
ACV-2	500mm x 300mm	20" x 12"	40 Ltr	2.0 KW	62000.00	86000.00
ACV-3	550mm x 350mm	22" x 14"	50 Ltr	3.0 KW	86000.00	108000.00
ACV-4	600mm x 400mm	24" x 16"	80 Ltr.	4.0 KW	112000.00	128000.00
ACV-5	600mm x 450mm	24" x 18"	98 Ltr	4.0 KW	135000.00	150000.00
ACV-6	750mm x 550mm	30" x 22"	180 Ltr	5.0 KW	163000.00	188000.00



### PLT-101 (A) AUTOCLAVE VERTICAL (DIGITAL AUTOMATIC) "TANCO" €€

Inner & Outer chamber made of SS (Lid- S.Steel lined) is tightened by radial locking/Wing Nut & fitted with a **PID Based Automatic temperature & Pressure controller with LCD Display of time and temperature programmable by user which enables automatic purging of stale air, sterilizing hold time & automatic exhaust of pressure fitted with audio alarm/ buzzer at the end of cycle.** Working Temperature Upto 121°C & **Operating Pressure upto 15-20 PSI (Adjustable)**, Workable on 220 / 230 volts A.C.

Item No.	Height x Dia	Height x Dia	Capacity (Approx.)	Load.	Wing Nut	Raidal Locking
ACA-1	450mm x 250mm	18" x 10"	22 Ltr	2.0 KW	89000.00	113000.00
ACA-2	500mm x 300mm	20" x 12"	40 Ltr	2.0 KW	106000.00	129000.00
ACA-3	550mm x 350mm	22" x 14"	50 Ltr	3.0 KW	129000.00	153000.00
ACA-4	600mm x 400mm	24" x 16"	80 Ltr	4.0 KW	155000.00	173000.00
ACA-5	600mm x 450mm	24" x 18"	98 Ltr	4.0 KW	178000.00	195000.00
ACA-6	750mm x 550mm	30" x 22"	180 Ltr	5.0 KW	208000.00	234000.00



### PLT-101(B) AUTOCLAVE (VERTICAL) (FULLY AUTOMATIC) GMP Model "TANCO" €€

**Desinged as per the GMP standards with inner, outer and non-contratual parts made of Stainless Steel (304 Grade) is tightened by** radial locking & fitted with a PID Based Automatic Temperature & Pressure controller with LCD Display of time and tempature programmable by user which enables automatic purging of stale air, sterilizing hold time & automatic exhaust of pressure fitted with audio alarm/ buzzer at the end of cycle. Working Temperature Upto 121°C & **Operating Pressure upto 15-20 PSI (Adjustable)**, Workable on 220 / 230 volts A.C.

Item No.	Height X Dia	Height x Dia	Load	Capacity (Approx.)	
ACVG-1	450mm x 250mm	18" x 10"	2.0 KW	22 Ltr.	168000.00
ACVG-2	500mm x 300mm	20" x 12"	2.0 KW	40 Ltr.	202000.00
ACVG-3	550mm x 350mm	22" x 14"	3.0 KW	50 Ltr.	245000.00
ACVG-4	600mm x 400mm	24" x 16"	4.0 KW	80 Ltr.	312000.00
ACVG-5	600mm x 450mm	24" x 18"	4.0 KW	98 Ltr.	365000.00
ACVG-6	750mm x 550mm	30" x 22"	5.0 KW	180 Ltr.	460000.00



**PLT-101 (C) AUTOCLAVE (Vertical – Triple walled) HIGH PRESSURE (UPTO 30 PSI) FOR DRY STERILIZATION “TANCO” €**

High Pressure (134°C at 30psi) triple walled Autoclaves used for **Dry Sterilization**, Steam Jacket, LID SS (Lined) tightened by Wing Nut/Radial Locking. Complete with safety valves, water level indicator, steam release valve, pressure gauge, S.S. basket & neoprene rubber gasket. Workable on 220 / 230 volts A.C.

Item No.	Height X Dia	Height X Dia	Load	Capacity (Approx)	Wing Nut	Radial Locking
ACT-1	450mm x 250mm	18" x 10"	3 KW	22 Ltr.	95000.00	113000.00
ACT-2	500mm x 300mm	20" x 12"	4 KW	40 Ltr.	120000.00	138000.00
ACT-3	550mm x 350mm	22" x 14"	4 KW	50 Ltr.	165000.00	195000.00
ACT-4	600mm x 400mm	24" x 16"	5 KW	80 Ltr.	205000.00	235000.00
ACT-5	600mm x 450mm	24" x 18"	6 KW	98 Ltr.	255000.00	304000.00
ACT-6	750mm x 550mm	30" x 22"	6 KW	180 Ltr.	360000.00	430000.00



**PLT-101(D) AUTOCLAVE (Vertical – Triple walled) HIGH PRESSURE (UPTO 30 PSI) FOR DRY STERILIZATION (Fully Automatic) GMP Model“TANCO**

**Desinged as per the GMP standards with inner, outer and non-contratual parts made of Stainless Steel (304 Grade).** High Pressure (134°C at 30psi) triple walled Autoclaves used for **Dry Sterilization & is tightened by radial locking & fitted with a PID Based Automatic Temperature & Pressure controller with LCD Display of time and tempature programmable by user which enables automatic purging of stale air, sterilizing hold time & automatic exhaust of pressure fitted with audio alarm/ buzzer at the end of cycle.** Working Temperautre Upto 134°C & **Operating Pressure upto 30 PSI (Adjustable)**, Workable on 220 / 230 volts A.C.

Item No.	Height X Dia	Height X Dia	Load	Capacity (Approx.)	Wing Nut	Radial Locking
ACTG-1	450mm x 250mm	18" x 10"	3 KW	22 Ltr.	145000.00	165000.00
ACTG -2	500mm x 300mm	20" x 12"	4 KW	40 Ltr.	173000.00	195000.00
ACTG -3	550mm x 350mm	22" x 14"	4 KW	50 Ltr.	215000.00	240000.00
ACTG -4	600mm x 400mm	24" x 16"	5 KW	80 Ltr.	235000.00	262000.00
ACTG -5	600mm x 450mm	24" x 18"	6 KW	98 Ltr.	295000.00	350000.00
ACTG -6	750mm x 550mm	30" x 22"	6 KW	180 Ltr.	410000.00	480000.00



**Optional Features at an Extra Cost:**

**For PLT-101, PLT-101(A), PLT-101(B), PLT-101(C), PLT-101(D)**

(a) Pressure control switch (Automatic)	10000.00
(b) Automatic Water Level Cut of device	10000.00
(c) Timer 0-60 Minutes	6000.00
(d) Digital Temperature display	7500.00
(e) Solid State Digital Temperature Indicator-cum-controller	9500.00
(f) Automatic temperature Recording system (Chart Recorder Circular Type)	55000.00

(g) With inbuilt data logger to monitor temperature & pressure at different time intervals with memory card reader.	50000.00
(h) PLC based HMI Touch Coulored Screen Panel with inbuilt data logger with pen drive port communication	155000.00
(i) Thermal/Dot Matrix Printer	30000.00
(j) Neoprene Rubber Gasket Joint less	
Dia:                      25cm                      30cm                      35cm                      40cm                      45cm                      55cm	
Price                      800.00                      800.00                      900.00                      1000.00                      1150.00                      1500.00	
(k) Heating Element                      1.5 KW                      2.0 KW                      3.0 KW                      4.0 KW                      5.0 KW	
Price                      1100.00                      1100.00                      1100.00                      1300.00                      1500.00	
(l) Safety Valve	2000.00
(m) Pressure Gauge	2000.00
(n) For Fully Covered Models	P. O. R.

## PLT-102 AUTOCLAVE DOUBLE WALLED (HORIZONTAL) "TANCO" €

Inner & Outer chamber made of SS (Lid- S.Steel lined) is tightened by radial locking Fitted with Automatic Vacuum Breaker, Low Water Level Cut-off Device, Pressure Control Switch & pressure gauge, safety device, SS basket, water level indicator, drain valve and neoprene/silicon rubber gasket. Mounted on Tubular stand made of Mild Steel with S.S. Boiler with Working Temperautre Upto 121°C & **Operating Pressure upto 15-20 PSI (Adjustable)**. Workable on 220/230 volts A.C.

Item No.	Height x Dia	Height x Dia	Load	Approx. Cap.	Single Door	Double Door
ACH-1	450mm x 250mm	18" x 10"	1.5	22 Ltrs	205000.00	255000.00
ACH-2	500mm x 300mm	20" x 12"	2.0	40 Ltrs	252000.00	302000.00
ACH-3	550mm x 350mm	22" x 14"	3.0	50 Ltrs	321000.00	381000.00
ACH-4	600mm x 400mm	24" x 16"	3.0	75 Ltrs	387000.00	457000.00
ACH-5	600mm x 450mm	24" x 18"	6.0	98 Ltrs	442000.00	512000.00
ACH-6	750mm x 550mm	30" x 22"	7.5	180 Ltrs	555000.00	630000.00
ACH-7	900mm x 500mm	36" x 20"	9.0	175 Ltrs	628000.00	703000.00
ACH-8	1100mm x 400mm	44" x 16"	9.0	140 Ltrs	571000.00	621000.00
ACH-9	1200mm x 500mm	48" x 20"	10.0	225 Ltrs	606000.00	666000.00
ACH-10	1200mm x 600mm	48" x 24"	10.0	325 Ltrs	785000.00	855000.00

### Optional at an Extra Cost:

(a) Automatic PID Based Controller	9500.00
(b) With inbuilt data logger to monitor temperature & time at different time intervals with memory card reader.	50000.00
(c) PLC based HMI Touch Coloured Screen Panel with inbuilt data logger with pen drive port communication	155000.00
(d) Thermal/Dot Matrix Printer	30000.00
(e) For Fully Covered Models	P. O. R.



## PLT-103 HORIZONTAL HIGH PRESSURE CYLINDRICAL STEAM STERILIZER Triple walled) HIGH PRESSURE (UPTO 30 PSI) FOR DRY STERILIZATION "TANCO" €

High Pressure Triple Walled for Dry Sterilization (134<sup>0</sup>C at 30psi) complete with Steam Jacket & Separate Boiler with Radial Locking System, self-locking safety door, insulated, steam boiler, Pressure Gauge, Safety valve, Vacuum Breaker, Drain valve, Low water Cut off Device, Pressure Control Switch. Discharge line Sterilization cycle controlled by single point/multi port valve. Horizontally mounted on a sturdy, heavy M.S. duly painted or SS tubular stand. Workable on Three Phase 440 volts A.C. supply.



Item No.	Dia x Depth	Load	Capacity	Single Door	Double Door	Fully SS Automatic GMP Model	
						Single Door	Double Door
AHP-1	350 x 550 mm	3.0	50 Ltr.	368000.00	468000.00	428000.00	478000.00
AHP-2	400 x 600 mm	6.0	75 Ltr.	420000.00	520000.00	480000.00	530000.00
AHP-3	450 x 600 mm	6.0	100 Ltr.	457000.00	557000.00	557000.00	607000.00
AHP-4	400 x 900 mm	9.0	125 Ltr.	522000.00	632000.00	622000.00	672000.00
AHP-5	450 x 900 mm	12.0	150 Ltr.	537000.00	647000.00	647000.00	697000.00
AHP-6	450 x 1200 mm	12.0	200 Ltr.	580000.00	690000.00	690000.00	740000.00
AHP-7	500 x 1200 mm	12.0	250 Ltr.	600000.00	710000.00	720000.00	780000.00
AHP-8	600 x 1200 mm	18.0	350 Ltr.	695000.00	805000.00	815000.00	885000.00

### Optional at an Extra Cost:

(a) Vacuum Pump (Model No.: AHP-1 to AHP-3)	59000.00
(b) Vacuum Pump (Model No.: AHP-4 to AHP-5)	110000.00
(a) Automatic PID Based Controller	9500.00
(b) With inbuilt data logger to monitor temperature & time at different time intervals with memory card reader.	50000.00
(e) PLC based HMI Touch Coloured Screen Panel with inbuilt data logger with pen drive port communication	155000.00
(f) Thermal/Dot Matrix Printer	30000.00
(g) For Fully Covered Models	P. O. R.

## PLT-103 (B) HIGH PRESSURE RECTANGULAR HORIZONTAL STERILIZER "TANCO" €

High Pressure Triple Walled for Dry Sterilization (134<sup>0</sup>C at 30psi) complete with Steam Jacket & Separate Boiler with Radial Locking System, self-locking safety door, insulated, steam boiler, Pressure Gauge, Safety valve, Vacuum Breaker, Drain valve, Low water Cut off Device, Pressure Control Switch. Discharge line Sterilization cycle controlled by single point/multi port valve. Horizontally mounted on a sturdy, heavy M.S. duly painted or SS tubular stand (202 Grade). Workable on Three Phase 440 volts A.C. supply.



Item No.	Size in MM	Load	Cap:	Inner Chamber Made of SS (304)		Inner Chamber Made of SS (316)	
				Single Door	Double Door	Single Door	Double Door
RS-1	400 x 400 x 600	10.0	100 Ltr.	609000.00	709000.00	719000.00	819000.00
RS-2	450 x 450 x 600	10.0	125 Ltr.	860000.00	960000.00	990000.00	1090000.00
RS-3	450 x 450 x 900	12.0	200 Ltr.	966000.00	1086000.00	1125000.00	1245000.00
RS-4	450 x 600 x 900	12.0	250 Ltr.	1046000.00	1166000.00	1200000.00	1320000.00
RS-5	600 x 600 x 900	15.0	350 Ltr.	1066000.00	1186000.00	1225000.00	1306000.00
RS-6	600 x 600 x 1200	18.0	450 Ltr.	1200000.00	1320000.00	1380000.00	1500000.00
RS-7	600 x 900 x 1500	22.0	550 Ltr.	1255000.00	1405000.00	1440000.00	1590000.00
RS-8	600 x 600 x 1800	30.0	650 Ltr.	1337000.00	1487000.00	1540000.00	1690000.00
RS-9	750 x 750 x 1500	36.0	800 Ltr.	1520000.00	1680000.00	1740000.00	1900000.00
RS-10	900 x 900 x 1500	45.0	1280 Ltr.	1915000.00	2165000.00	2200000.00	2350000.00

## Optional at an Extra Cost:

1. With inbuilt data logger to monitor temperature & Time at different time intervals with memory card reader	50000.00
2. PLC based HMI Touch Coloured Screen Panel with pen drive port communication.	155000.00
3. Thermal/Dot Matrix Printer	30000.00
4. Vacuum Pump extra for (RS-1 to RS-3)	59000.00
5. Vacuum Pump extra for (RS-4 & RS-5)	120000.00
6. Vacuum Pump extra for (RS-6 & RS-9)	130000.00
7. Optional SS Carriage for (RS-1 to RS 6)	50000.00
8. Optional SS Carriage for (RS-7 to RS 9)	60000.00
9. Water Feeding Pump for All the Models	20000.00
10. Cost of Fully Covered by SS (202 Grade) for (RS-1 to RS-4)	120000.00
11. Cost of Fully Covered by SS (202 Grade) for (RS-5)	145000.00
12. Cost of Fully Covered by SS (202 Grade) for (RS-6 to RS-9)	200000.00

## PLT-103(E) CSSD STERILIZER COMPLETE WITH HMI PANEL COLOR SCREEN & VACUUM PUMP "TANCO"

**Desinged as per CSSD norms** having High Pressure Triple Walled Rectanuglar contruction (134°C at 30psi) complete with Steam Jacket & Separate Boiler with Radial Locking System, insulated, steam boiler, Pressure Gauge, Safety valve, Vacuum Breaker, Drain valve, Low water Cut off Device, Pressure Control Switch with Double Door Contruction. **Comes with inbuilt PLC based touch screen HMI panel with inbuilt data logger facility and pen drive port. Supplied with Dot Matrix printer and Mono block type vacuum pump. Comes with inbuilt programming as per the CSSD standards.** Horizontally mounted on a sturdy, heavy SS tubular stand (202 Grade). Workable on Three Phase 440 volts A.C. supply.

Item No.	Size in MM	Load	Cap:	Inner Chamber Made of SS (304)		Inner Chamber Made of SS (316)	
				Single Door	Double Door	Single Door	Double Door
CSS -1	400 x 400 x 600	10.0	100 Ltr.	659000.00	759000.00	769000.00	869000.00
CSS -2	450 x 450 x 600	10.0	125 Ltr.	910000.00	1010000.00	1040000.00	1049000.00
CSS -3	450 x 450 x 900	12.0	200 Ltr	1016000.00	1136000.00	1175000.00	1295000.00
CSS -4	450 x 600 x 900	12.0	250 Ltr	1096000.00	1216000.00	1250000.00	1382000.00
CSS -5	600 x 600 x 900	15.0	350 Ltr.	1140000.00	1260000.00	1300000.00	1380000.00
CSS -6	600 x 600 x 1200	18.0	450 Ltr.	1275000.00	1395000.00	1455000.00	1575000.00
CSS -7	600 x 900 x 1500	22.0	550 Ltr.	1330000.00	1480000.00	1515000.00	1665000.00
CSS -8	600 x 600 x 1800	30.0	650 Ltr.	1410000.00	1560000.00	1610000.00	1765000.00
CSS -9	750 x 750 x 1500	36.0	800 Ltr.	1595000.00	1755000.00	1815000.00	1975000.00
CSS -10	900 x 900 x 1500	45.0	1280 Ltr.	1990000.00	2240000.00	2275000.00	2425000.00





## Optional at an Extra Cost:

1. With inbuilt data logger to monitor temperature & Time at different time intervals with memory card reader	50000.00
2. PLC based HMI Touch Coloured Screen Panel with pen drive port communication.	155000.00
3. Thermal/Dot Matrix Printer	30000.00
4. Vacuum Pump extra for (RS-1 to RS-3)	59000.00
5. Vacuum Pump extra for (RS-4 & RS-5)	120000.00
6. Vacuum Pump extra for (RS-6 & RS-9)	130000.00
7. Optional SS Carriage for (RS-1 to RS 6)	50000.00
8. Optional SS Carriage for (RS-7 to RS 9)	60000.00
9. Water Feeding Pump for All the Models	20000.00
10. Cost of Fully Covered by SS (202 Grade) for (RS-1 to RS-4)	120000.00
11. Cost of Fully Covered by SS (202 Grade) for (RS-5)	145000.00
12. Cost of Fully Covered by SS (202 Grade) for (RS-6 to RS-9)	200000.00

**NOTE: CONSUMABLES FOR CSSD AUTOCLAVES ARE: — ALSO AVAILABLE.**

## PLT-103(F) BIOMEDICAL WASTE STERILIZER CYLINDRICAL HORIZONTAL MODEL “TANCO”

High Pressure Triple Walled for Dry Sterilization (134°C at 30psi) complete with Steam Jacket & Separate Boiler with Radial Locking System, self-locking safety door, insulated, steam boiler, Pressure Gauge, Safety valve, Vacuum Breaker, Drain valve, Low water Cut off Device, Pressure Control Switch. Discharge line c horizontally mounted on a sturdy, heavy M.S. duly painted or SS tubular stand. Workable on Three Phase 440 volts A.C. supply.

Item No.	Dia x Depth	Load	Capacity	Single Door	Double Door
BMWS -1	350 x 550 mm	3.0	50 Ltr.	388000.00	488000.00
BMWS -2	400 x 600 mm	6.0	75 Ltr.	450000.00	550000.00
BMWS -3	450 x 600 mm	6.0	100 Ltr.	487000.00	587000.00
BMWS -4	400 x 900 mm	9.0	125 Ltr.	552000.00	652000.00
BMWS -5	450 x 900 mm	12.0	150 Ltr.	567000.00	687000.00
BMWS -6	450 x 1200 mm	12.0	200 Ltr.	620000.00	740000.00
BMWS -7	500 x 1200 mm	12.0	250 Ltr.	640000.00	760000.00
BMWS -8	600 x 1200 mm	18.0	350 Ltr.	735000.00	855000.00



## Optional at an Extra Cost:

(a) Vacuum Pump (Model No.: AHP-1 to AHP-3)	59000.00
(b) Vacuum Pump (Model No.: AHP-4 to AHP-5)	110000.00
(a) Automatic PID Based Controller	9500.00
(b) With inbuilt data logger to monitor temperature & time at different time intervals with memory card reader.	50000.00
(e) PLC based HMI Touch Coloured Screen Panel with inbuilt data logger with pen drive port communication	155000.00
(f) Thermal/Dot Matrix Printer	30000.00
(g) For Fully Covered Models	P. O. R.

**PLT-103(G) BIOMEDICAL WASTE STERILIZER RECTANGULAR MODEL "TANCO"**

High Pressure Triple Walled for Dry Sterilization (134°C at 30psi) complete with Steam Jacket & Separate Boiler with Radial Locking System, Inner Chamber made of SS (304 Grade) self-locking safety door, insulated, steam boiler, Pressure Gauge, Safety valve, Vacuum Breaker, Drain valve, Low water Cut off Device, Pressure Control Switch. Discharge line Sterilization cycle controlled **by PID based digital automatic controller With inbuilt data logger to monitor temperature & pressure at different time intervals with memory card reader & Printer**. Horizontally mounted on a sturdy, heavy M.S. duly painted or SS tubular stand (202 Grade). Workable on Three Phase 440 volts A.C. supply.

Item No.	Size in MM	Load	Cap:	Single Door	Double Door
RS-1	400 x 400 x 600	10.0	100 Ltr.	659000.00	759000.00
RS-2	450 x 450 x 600	10.0	125 Ltr.	910000.00	1010000.00
RS-3	450 x 450 x 900	12.0	200 Ltr	1016000.00	1136000.00
RS-4	450 x 600 x 900	12.0	250 Ltr	1096000.00	1216000.00
RS-5	600 x 600 x 900	15.0	350 Ltr.	1140000.00	1260000.00
RS-6	600 x 600 x 1200	18.0	450 Ltr.	1275000.00	1395000.00
RS-7	600 x 900 x 1500	22.0	550 Ltr.	1330000.00	1480000.00
RS-8	600 x 600 x 1800	30.0	650 Ltr.	1500000.00	1600000.00
RS-9	750 x 750 x 1500	36.0	800 Ltr.	1700000.00	1800000.00
RS-10	900 x 900 x 1500	45.0	1280 Ltr.	2000000.00	2300000.00

**Optional at an Extra Cost:**

1. PLC based HMI Touch Coloured Screen Panel with pen drive port communication.	155000.00
3. Vacuum Pump extra for (RS-1 to RS-3)	60000.00
4. Vacuum Pump extra for (RS-4 & RS-5)	120000.00
5. Vacuum Pump extra for (RS-6 & RS-10)	130000.00

**PLT-103 (H) BIOMEDICAL WASTE STERILIZER VERTICAL MODEL "TANCO"**

High Pressure complete with Radial Locking System, Inner Chamber made of SS (304 Grade) Pressure Gauge, Safety valve, Vacuum Breaker, Drain valve, Low water Cut off Device, Pressure Control Switch. Sterilization cycle controlled **by PID based digital automatic controller With inbuilt data logger to monitor temperature & pressure at different time intervals with memory card reader & Printer**. Workable on Three Phase 440 volts A.C. supply.

Item No.	Height X Dia	Height X Dia	Load	Capacity (Approx)	Wing Nut	Radoal Locking
BMWV -1	450mm x 250mm	18" x 10"	3 KW	22 Ltr.	165000.00	180000.00
BMWV -2	500mm x 300mm	20" x 12"	4 KW	40 Ltr.	185000.00	205000.00
BMWV -3	550mm x 350mm	22" x 14"	4 KW	50 Ltr.	228000.00	255000.00
BMWV -4	600mm x 400mm	24" x 16"	5 KW	80 Ltr.	260000.00	290000.00
BMWV -5	600mm x 450mm	24" x 18"	6 KW	98 Ltr.	310000.00	355000.00
BMWV -6	750mm x 550mm	30" x 22"	6 KW	180 Ltr.	405000.00	470000.00





**PLT-105(A) AUTOCLAVE PORTABLE "TANCO" €€**

Single walled complete with Stand, Pressure Gauge, Steam Release Valve. Workable on 220/230 volts AC.

Height x Dia	Aluminum	S. Steel
300mm x 300mm	11000.00	20000.00



**PLT-105(B) AUTOCLAVE PORTABLE COOKER TYPE (ECO MODEL) "TANCO" €€**

Single Walled, (joint less) body S.S. Finish/ Powder Coated "Press & turn" system of closing lid, pressure gauge, safety valve, manual exhaust valve & rubber gasket. Workable on 220/230 volts AC.

Item No.	Height * Dia	Capacity	Aluminum
APC-1	275 x 225 mm,	13 Ltr	12000.00
APC-2	300 x 300 mm	21 Ltr	18000.00
APC-3	350 x 300 mm	24 Ltr	21000.00



**PLT-105(D) AUTOCLAVE COOKER TYPE (DELUXE MODEL) DIGITAL "TANCO" €€**

Micro Chip controlled SILENT Sterilizing Cycle with time adjustment facility. **Digital Display shows both the chamber temperature and the remaining cycle time.** It has Epoxy finish body made of Aluminum with heat resistant Handles. Drum with its respective size is included.

Capaicty	10 liters	21 liters	24 liters
	19000.00	29000.00	40000.00



**PLT-107 WATER BATH RECTANGULAR (SINGLE WALLED) "TANCO"**

Made of SS Temp. up to 90°C having 75 mm holes and concentric rings. Workable on 220/230 volts AC.

WBR-1	300 x 250 x 100mm	(6 holes of 3" Dia)	7000.00
WBR-2	350 X 400 X 100mm	(12 holes of 3" Dia)	10500.00



**PLT-108 WATER BATH RECTANGULAR DOUBLE WALLED "TANCO" €€**

Thermostatically controlled upto 90°C. Accuracy  $\pm 1^\circ\text{C}$ , SS Tank **having 75 mm holes with concentric rings.** Workable on 220 / 230 volts A.C.

Item No.	Size	Capacity	GI Powder Coated Body	SS Body
WBA-1	300 x 250 x 100mm	(6 holes of 3" Dia)	11500.00	15500.00
WBA-2	350 x 400 x 100mm	(12 holes of 3" Dia)	15500.00	21000.00



**Additional Facilities at an extra cost:**

- (a) Stirrer with Speed Regulator
- (b) Digital Temperature Controller cum Indicator (Micro Processor Based)

9500.00  
6500.00

**PLT-109 SEROLOGICAL WATER BATH (WITHOUT RACKS & THERMOMETER) "TANCO" €€**

Thermostatically controlled SS Tank duly insulated. Temp. Range 5°C above room Temp. to 80°C with an Accuracy  $\pm 1^\circ\text{C}$ . with cover. Workable on 220 / 230 volts A.C.

Item No.	Size	Capacity Ltr.	GI Powder Coated Body	SS Body
WBS-1	300 x 250 x 175mm (2 Racks)	13	11500.00	15000.00
WBS-2	325 x 300 x 175mm (4 Racks)	17	13800.00	17300.00
WBS-3	450 x 300 x 175mm (6 Racks)	23	22000.00	25500.00
WBS-4	600 x 300 x 175mm (8 Racks)	31	24500.00	28000.00



**Additional Facilities at an extra cost:—**

- (a) Stirrer with Speed Regulator
- (b) Digital Temperature Controller cum Indicator (Micro Processor Based)

9500.00  
6500.00

**PLT-109(A) WATER BATH CIRCULATING "TANCO" €€**

Double walled SS Tank insulated. Temp. Range 5°C above room Temp. Upto 80°C with an Accuracy  $\pm 1^\circ\text{C}$  **Digitally Controlled** with Circulating pump & nozzles. Workable on 220 / 230 volts A.C.

25000.00

**PLT-110 HIGH PRECISION WATER BATH (WITH STIRRER) "TANCO" €€**

Double walled, SS Tank Insulated. Digitally controlled from 5°C above room Temp. to 95°C, Accuracy  $\pm 0.1^\circ\text{C}$ . Front glass window. Workable on 220 / 230 volts A.C.

Item No. Size of Inner Chamber (L x B x D)

WBP-1 430 X 240 X 265mm

75000.00

WBP-2 280 X 360 X 380mm

80000.00

**PLT-113 WATER BATH INCUBATOR SHAKER (METABOLIC SHAKING INCUBATOR) "TANCO" €€**

Double walled SS Tank Digitally controlled **Accuracy  $\pm 1^\circ\text{C}$** . Continuous shaking with oscillating tray **speed range of 40 to 140 cycle per minute**. To hold either test tubes or flasks. Workable on 220 / 230 volts A.C.

Item No.	Shaking Tray Size	Capacity	Temp AMBIENT TO 90°C	Temp 5°C TO 90°C
WBM-1	275 x 275 x 150mm	12 Ltrs	90000.00	160000.00
WBM-2	405 x 300 x 150mm	18 Ltrs	98000.00	168000.00

**Additional Facilities at an extra cost:—**

(a) Spare Shaking Tray or test tube rack.

4000.00

(b) Digital RPM Indicator

12000.00

(c) Spare Shaking Tray with Lotus Clamps or Test Tube Rack.

6000.00

Flask Cap.	25 ml	50 ml	100 ml	250 ml	500 ml	1000 ml	25 mm Dia Tubes
No. of Flask	20	16	12	9	5	4	35

**PLT-115 REFRIGERATED WATER BATH WITH CIRCULATION SYSTEM "TANCO" €€**

SS Tank insulated, digitally controlled for heating & cooling from 5°C to 90°C with Sensitivity of  $\pm 1^\circ\text{C}$ . Mounted on castor wheels for easy portability. Workable on 220 / 230 volts A.C.

Item No. Inner Size (L x B x D)

RWB-1 250 x 250 x 250 mm

160000.00

RWB-2 500 x 250 x 250 mm

178000.00

**Additional Facilities at an extra cost:—**

(a) Communication Port with interface (RS485) & data cable to download data to PC for temp. complete with convertor

38000.00

(b) PLC Based HMI Panel with coloured screen.

155000.00

(c) DOT-Matrix/ Thermal Printer can be attached with PLC fitted Models Only.

30000.00

**PLT-115(A) CHILLER (CIRCULATING BATH) "TANCO"**

SS Tank (304 Grade) with circulating pump digitally controlled.

Item No. Temp. Range Capacity

CH-1 Ambient to 0°C 23 Ltrs.

147000.00

CH-2 Ambient to -10°C 23 Ltrs.

167000.00

CH-3 Ambient to -20°C 23 Ltrs.

180000.00



## PLT-116 INSPISATOR with Digital Controller "TANCO"

Double walled SS Tank & Jacket for sterilizing the media, Temp. up to 70°C. Workable on 220 / 230 volts A.C.

Item No.	Inner Chamber Size	Tube Capacity	
INS-1	450 X 175 X 50mm	25	65000.00
INS-2	450 X 350 X 50mm	50	85000.00
INS-3	600 X 350 X 50mm	100	90000.00

**For Bigger Tube Capacity / Sizes**

**P. O. R.**



## PLT-121 HIGH TEMPERATURE OIL BATH with Digital Controller "TANCO"

SS tank Temp. Range 50°C to 250°C.  $\pm 2^\circ\text{C}$ . Supplied without oil workable on 220/230 volts AC.

Item No.	Size of Inner Chamber (L x B x D)	Capacity	
HOB-1	250 X 250 X 250mm	16 ltr	65000.00
HOB-2	300 X 300 X 250mm	23 ltr	85000.00
HOB-3	350 X 350 X 250mm	32 ltr	97000.00

**For Bigger Tube Capacity / Sizes**

**P. O. R.**



**Additional Facilities at an extra cost:—**

- (a) Microprocessor Based PID Digital Temperature Indicator-Cum-Controller With An In-Built Digital Timer thus alerting the User that process is complete LED Display. 6000.00
- (b) Communication Port with interface (RS485) & data cable to download data to PC for temp. complete with convertor 38000.00

## PLT-122 TISSUE FLOTATION BATH "TANCO"

Single piece inner and outer wall made of ALU with lid, Temp. range R-T to 70°C  $\pm 1^\circ\text{C}$ . Tank size, 225 mm x 70 mm, workable on 220 / 230 volts A.C.

11500.00

— Do— Fitted with Micro Processor Based Digital Temperature Controller cum Indicator

18000.00



## PLT-125 OVEN UNIVERSAL (MEMMERT TYPE) "TANCO" €

Double walled, outer GI/MS Powder Coated. **Element of three sides'** Temp. Range 50°C to 250°C. Thermostatically controlled  $\pm 1^\circ\text{C}$ . with L Shape Glass thermometer, supplied with shelves workable on 220/230 volts A.C.

Item No.	Inner Chamber Size (w x h x d)	Approx. in Liters	Stainless Steel Chamber
OVN-2	355 x 355 x 355 mm	43	21000.00
OVN-3	455 x 455 x 455 mm	90	26000.00
OVN-4	455 x 455 x 605 mm	105	36000.00
OVN-5	455 x 605 x 605 mm	120	39000.00
OVN-6	605 x 605 x 605 mm	215	44000.00
OVN-7	605 x 910 x 455 mm	240	60000.00
OVN-8	605 x 910 x 605 mm	325	67000.00

**Additional Facilities at an extra cost:—**

- (a) Air circulating fan 3500.00
- (b) Mechanical Timer up to 2 Hours. 3500.00
- (c) Imported Thermostat in lieu of Indian Thermostat 3500.00

NOTE: Air Circulation fan is recommended for OVN-5, OVN-6, OVN-7 & OVN-8



**PLT-125 (A) OVEN UNIVERSAL (MEMMERT TYPE WITH DIGITAL CONTROLLER) "TANCO" €**

Double walled, outer GI / MS Powder Coated & Chamber made of Stainless Steel. **Element of three sides'** SS Chamber digitally controlled Temperature Range 50°C to 250°C  $\pm$  1°C. fitted with fan properly insulated supplied with shelves workable on 220/230 volts A.C.

Item No.	Inner Chamber Size (w x h x d)	Approx. in Liters	Regular Model	Deluxe Model
OVE-2	355 x 355 x 355 mm	43	30500.00	37500.00
OVE-3	455 x 455 x 455 mm	90	39000.00	48500.00
OVE-4	455 x 455 x 605 mm	105	44000.00	53000.00
OVE-5	455 x 605 x 605 mm	120	50500.00	59500.00
OVE-6	605 x 605 x 605 mm	215	56000.00	66500.00
OVE-7	605 x 910 x 455 mm	240	62000.00	72500.00
OVE-8	605 x 910 x 605 mm	325	67000.00	78000.00



REGULAR



DELUXE

**Additional Facilities at an extra cost:—**

(a) Fitted with Profile Digital Microcontroller having 4 Programmes each of 16 steps (total 64 steps of ramp / soak profile).	8500.00
(b) Electronic Timer 99.99 Hours.	3600.00
(c) Microprocessor Based PID Digital Temperature Indicator-Cum-Controller With An In-Built Digital Timer thus alerting the User that process is complete LED Display.	4000.00
(d) Communication Port with interface (RS485) & data cable to download data to PC for temp. complete with convertor	32000.00
(e) PLC Based HMI touch coloured screen Panel	75000.00
(f) Thermal/ Dot-Matrix Printer can be attached with PLC fitted Model Only	20000.00

**PLT-125 (B) OVEN UNIVERSAL (MEMMERT TYPE WITH DIGITAL CONTROLLER) "TANCO" GMP Model Complete S.S, €**

Inner & Outer made of complete SS-304 Double walled, **Element of three sides'** complete made of SS digitally controlled Temperature Range 50°C to 250°C  $\pm$  1°C. fitted with fan properly insulated supplied with shelves workable on 220/230 volts A.C.

Item No.	Inner Chamber Size (w x h x d)	Approx. in Liters	Regular Model	Deluxe Model
OVG-2	355 x 355 x 355 mm	43	41000.00	48000.00
OVG-3	455 x 455 x 455 mm	90	49000.00	59000.00
OVG-4	455 x 455 x 605 mm	105	54500.00	64500.00
OVG-5	455 x 605 x 605 mm	120	63000.00	71000.00
OVG-6	605 x 605 x 605 mm	215	69000.00	79000.00
OVG-7	605 x 910 x 455 mm	240	74000.00	84000.00
OVG-8	605 x 910 x 605 mm	325	81000.00	92000.00



REGULAR



DELUXE

## Additional Facilities at an extra cost:—

(a) Fitted with Profile Digital Microcontroller having 4 Programmes each of 16 steps (total 64 steps of ramp / soak profile).	8500.00
(b) Electronic Timer 99.99 Hours.	3600.00
(c) Microprocessor Based PID Digital Temperature Indicator-Cum-Controller With An In-Built Digital Timer thus alerting the User that process is complete LED Display.	4000.00
(d) Communication Port with interface (RS485) & data cable to download data to PC for temp. complete with convertor	32000.00
(e) PLC Based HMI touch coloured screen Panel	75000.00
(f) Thermal/ Dot-Matrix Printer can be attached with PLC fitted Model Only	20000.00
(g) For Control panel as per 21-CFR compliance	P. O. R.

## PLT-126 VACUUM OVEN DOUBLE WALLED "TANCO" €€

Double walled SS Chamber Temp. range 50°C to 130°C can stand a Vacuum of 76 cm. Digitally controlled accuracy  $\pm 1^{\circ}\text{C}$  with Viewing transparent window, Gasket & Shelves workable on 220/230 volts AC.

Item No.	Dia x Depth	Without Vacuum Pump	With Vacuum Pump
OVV-1	300 x 300 mm	93000.00	113000.00
OVV-2	300 x 450 mm	132000.00	162000.00
OVR-3	Rect: 300 x 300 x 300 mm	200000.00	240000.00
OVR-4	Rect: 455 x 455 x 455 mm	380000.00	440000.00

For Other Sizes

P. O. R.

## Optional at an Extra Cost:—

Digital Vacuum Controller with Sensor Having display of Vacuum accuracy $\pm 1\%$	25000.00
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## PLT-126 (A) VACUUM OVEN GMP Model Complete S.S. "TANCO" €€

Double walled complete SS Temp. range 50°C to 130°C can stand a Vacuum of 76 cm. Digitally controlled accuracy  $\pm 1^{\circ}\text{C}$  with Viewing transparent window, Gasket & Shelves workable on 220/230 volts AC.

Item No.	Dia x Depth	Without Vacuum Pump	With Vacuum Pump
VOG-1	300 x 300mm	113000.00	133000.00
VOG -2	300 x 450 mm	162000.00	202000.00
VOG -3	Rect: 300 x 300 x 300 mm	250000.00	290000.00
VOG -4	Rect: 450 x 450 x 450 mm	440000.00	490000.00

For Other Sizes

P. O. R.

## Optional at an Extra Cost:—

Digital Vacuum Controller with Sensor Having display of Vacuum accuracy $\pm 1\%$	Rs. 25000.00
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**PLT-128 HIGH TEMPERATURE DELUXE OVEN "TANCO" €**

Triple walled, Outer MS/GI Powder Coated. **SS Chamber (304 Grade)**. Digitally controlled 10°C above ambient to 350°C accuracy of  $\pm 2^\circ\text{C}$ . with Air Circulation Fan properly insulated supplied with Shelves. Workable on 220 / 230 volts A.C.

Item No.	Inner Chamber Size (mm)	Approx. in Liters	Stainless Steel Chamber
OVD-2	355 x 355 x 355	43	67000.00
OVD-3	455 x 455 x 455	90	78000.00
OVD-4	455 x 605 x 605	120	85000.00
OVD-5	605 x 605 x 605	215	120000.00
OVD-6	605 x 910 x 455	240	135000.00
OVD-7	605 x 910 x 605	325	148000.00

**Additional Facilities at an extra cost:—**

(a) Fitted with Profile Digital Microcontroller having 4 Programmes each of 16 steps (total 64 steps of ramp / soak profile).	8500.00
(b) Electronic Timer 99.99 Hours.	3600.00
(c) Microprocessor Based PID Digital Temperature Indicator-Cum-Controller With An In-Built Digital Timer thus alerting the User that process is complete LED Display.	4000.00
(d) Communication Port with interface (RS485) & data cable to download data to PC for temp. complete with convertor	32000.00
(e) PLC Based HMI touch coloured screen Panel	75000.00
(f) Thermal/ Dot-Matrix Printer can be attached with PLC fitted Model Only	20000.00
(g) For Control panel as per 21-CFR compliance	P. O. R.

**PLT-128 (A) HOT AIR STERILIZER "TANCO" €**

Triple Walled Outer MS/GI Powder Coated & SS Chamber, Insulated, Fitted with Air Heaters and Circulation System **with Timer and Alarm System**. Digitally controlled 5°C above ambient to 250°C Accuracy of  $\pm 1^\circ\text{C}$ . Workable on 220 / 230 volts A.C.

Item No.	Inner Chamber Size (mm)	Approx. in Liters	Stainless Steel Chamber
HAS -2	355 x 355 x 355	43	75000.00
HAS -3	455 x 455 x 455	90	90000.00
HAS -4	455 x 605 x 605	120	100000.00
HAS -5	605 x 605 x 605	215	114000.00
HAS -6	605 x 910 x 455	240	120000.00
HAS -7	605 x 910 x 605	325	135000.00

**Additional Facilities at an extra cost:—**

(a) Fitted with Profile Digital Microcontroller having 4 Programmes each of 16 steps (total 64 steps of ramp / soak profile).	8500.00
(b) Electronic Timer 99.99 Hours.	3600.00
(c) Microprocessor Based PID Digital Temperature Indicator-Cum-Controller With An In-Built Digital Timer thus alerting the User that process is complete LED Display.	4000.00
(d) Communication Port with interface (RS485) & data cable to download data to PC for temp. complete with convertor	32000.00
(e) PLC Based HMI touch coloured screen Panel	75000.00
(f) Thermal/ Dot-Matrix Printer can be attached with PLC fitted Model Only	20000.00
(g) For Control panel as per 21-CFR compliance	P. O. R.



## PLT-128(B) ELECTRIC LOOP STERILIZER DIGITAL "TANCO"

Made of high quality jointed Stainless Steel Electric Instrument, Handel Grip: Comes with Two Side Handle with Insulated Grip complete with Sterilization Boxes, Power Code, Tray and Tray Lifting arrangement. Workable on 220 volts AC Supply.

Size : 16" x 8" x 7.5"

9500.00



## PLT-136 BACTERIOLOGICAL INCUBATOR (MEMMERT TYPE) "TANCO" €

Double walled, Outer body GI/MS Powder Coated. **Element of three sides'** Temp. Range 5°C above RT to 70°C. thermostatically controlled  $\pm 1^\circ\text{C}$ . with Glass thermometer, having double viewing window with shelves workable on 220 / 230 volts A.C.

Item No.	Inner Chamber Size (w x h x d)	Approx. in Liters	Stainless Steel Chamber
INC-2	355 x 355 x 355 mm	43	21500.00
INC-3	455 x 455 x 455 mm	90	26500.00
INC-4	455 x 455 x 605 mm	105	36500.00
INC-5	455 x 605 x 605 mm	120	39500.00
INC-6	605 x 605 x 605 mm	215	44500.00
INC-7	605 x 910 x 455 mm	240	60500.00
INC-8	605 x 910 x 605 mm	325	67500.00



### Additional Facilities at an extra cost:—

(a) Air circulating fan	3500.00
(b) Mechanical Timer up to 2 Hours.	3500.00
(c) Imported Thermostat in lieu of Indian Thermostat	3500.00

NOTE: Air Circulation fan is recommended for INC-5, INC-6, INC-7 & INC-8

## PLT-136 (A) BACTERIOLOGICAL INCUBATOR (MEMMERT TYPE WITH DIGITAL CONTROLLER) "TANCO" €

Double walled, Outer made of GI/MS Powder Coated. **Element of three sides'** SS Chamber Digitally controlled Temp. Range 5°C above RT to 70°C,  $\pm 0.5^\circ\text{C}$ , fitted with fan, having double viewing window, supplied with shelves workable on 220/230 volts A.C.

Item No.	Inner Chamber Size (w x h x d)	Approx. in Liters	Regular Model	Deluxe Model
INE -2	355 x 355 x 355 mm	43	31000.00	38000.00
INE -3	455 x 455 x 455 mm	90	39500.00	49000.00
INE -4	455 x 455 x 605 mm	105	44500.00	53500.00
INE -5	455 x 605 x 605 mm	120	51000.00	60000.00
INE -6	605 x 605 x 605 mm	215	56500.00	67000.00
INE -7	605 x 910 x 455 mm	240	62500.00	73000.00
INE -8	605 x 910 x 605 mm	325	67500.00	78500.00

Regular Model



Regular Model

### Additional Facilities at an extra cost:—

(a) Fitted with Profile Digital Microcontroller having 4 Programmes each of 16 steps (total 64 steps of ramp / soak profile).	8500.00
(b) Electronic Timer 99.99 Hours.	3600.00

- (c) Microprocessor Based PID Digital Temperature Indicator-Cum-Controller With An In-Built Digital Timer thus alerting the User that process is complete LED Display. 4000.00
- (d) Communication Port with interface (RS485) & data cable to download data to PC for temp. complete with convertor 32000.00
- (e) PLC Based HMI touch coloured screen Panel 75000.00
- (f) Thermal/ Dot-Matrix Printer can be attached with PLC fitted Model Only 20000.00

## PLT-136 (B) BACTERIOLOGICAL INCUBATOR (MEMMERT TYPE) GMP Model Complete S.S. "TANCO" €

Double walled, **Element of three sides'** Complete SS digitally controlled Temp. Range 5°C above R-T to 90°C, ± 0.5°C, fitted with fan, having double viewing window, supplied with shelves workable on 220/230 volts A.C

Item No.	Inner Chamber Size (w x h x d)	Approx. in Liters	Regular Model	Deluxe Model
ING -2	355 x 355 x 355 mm	43	42000.00	49000.00
ING -3	455 x 455 x 455 mm	90	50000.00	60000.00
ING -4	455 x 455 x 605 mm	105	55500.00	65500.00
ING -5	455 x 605 x 605 mm	120	64000.00	72000.00
ING -6	605 x 605 x 605 mm	215	70000.00	80000.00
ING -7	605 x 910 x 455 mm	240	75000.00	85000.00
ING -8	605 x 910 x 605 mm	325	82000.00	93000.00

### Additional Facilities at an extra cost:—

- (a) Fitted with Profile Digital Microcontroller having 4 Programmes each of 16 steps (total 64 steps of ramp / soak profile). 8500.00
- (b) Electronic Timer 99.99 Hours. 3600.00
- (c) Microprocessor Based PID Digital Temperature Indicator-Cum-Controller With An In-Built Digital Timer thus alerting the User that process is complete LED Display. 4000.00
- (d) Communication Port with interface (RS485) & data cable to download data to PC for temp. complete with convertor 32000.00
- (e) PLC Based HMI touch coloured screen Panel 75000.00
- (f) Thermal/ Dot-Matrix Printer can be attached with PLC fitted Model Only 20000.00
- (g) For Control panel as per 21-CFR compliance P. O. R.

## PLT-138 HYBRIDIZATION INCUBATOR / OVEN "TANCO" €

Triple Walled, Outer Body made of GI/MS Powder Coated. SS Chamber fitted with Carrier to **Rotate at variable speed of 2 to 16 RPM to hold** six bottles (60mm dia x 200 mm Depth). Digitally controlled with air circulation fan. Workable on 220 / 230 volts A.C.

Temperature range from 5°C above ambient to 90°C 200000.00

### Optional Accessoreis:-

- (a) Additional Carrier for bottle holding 8500.00
- (b) Hybridization bottle 4500.00



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**PLT-141 B.O.D. INCUBATOR (Eco-Friendly) Automatic "TANCO" €**

Triple walled. Outer made of GI/MS Powder Coated & SS (304 grade) Chamber with circulating fan, PUFF insulated. Full view inner glass door. Digitally controlled Temp. range 5°C to 60°C ± 0.5°C. CFC free, supplied with shelves. Workable on 220/230 volts A.C.

Item No.	Capacity	Approx Volume (Ltr)	Usable space	S.STEEL Chamber
BOA-2	2 cu.ft	60	405 x 405 x 405mm	115000.00
BOA-3	3 cu.ft	85	405 x 405 x 405mm	125000.00
BOA-4	4 cu.ft.	113	610 x 450 x 410mm	134000.00
BOA-6	6 cu.ft.	173	845 x 500 x 400mm	136000.00
BOA-10	10 cu.ft.	282	870 x 570 x 560mm	160000.00
BOA-12	12 cu.ft.	342	900 x 650 x 570mm	180000.00
BOA-15	15 cu.ft.	421	700 x 900 x 650mm	210000.00

**Additional Facilities at an extra cost:—**

(a) Lighting system by interior illumination with 3 fluorescent tubes of 60 cm. (20 Watts) placed vertically along back wall Temp. 10°C to 60°C	10000.00
(b) Timer with reverse 0 - 24 hours for regulating hours of light and darkness including fitting at the top of incubator.	9000.00
(c) For incubation in CO <sub>2</sub> air mixtures provided with nozzle fitted at the side of Control panel for admitting CO <sub>2</sub> or CO <sub>2</sub> air mixture chamber	14000.00
(d) Carbon dioxide cylinder, Capacity: 10 Ltr	12000.00
(e) Humidity Control arrangement. 55 % to 90% ± 5 % RH with Digital Humidity Controller	32000.00
(f) Slow Speed Shaking Platform	48000.00
(g) Voltage Stabilizer Automatic	6000.00
(h) Communication Port with interface (RS485) & data cable to download data to PC for temp. complete with convertor	36000.00
(i) PLC Based HMI touch coloured screen Panel	95000.00
(j) Thermal/ Dot-Matrix Printer can be attached with PLC based system	20000.00
(k) Control panel as per 21-CFR compliance	P. O. R.



**PLT-141 (A) B.O.D. INCUBATOR GMP Model Complete S.S. Automatic TANCO" €**

Triple walled complete made of SS (304 grade) with circulating fan, PUFF insulated. full view inner glass door. Digitally controlled Temp. range 5°C to 60°C ± 0.5°C. CFC free, Workable on 220 / 230 volts A.C.

Item No.	Capacity	Litres (Approx. Volume)	Usable space	Complete SS GMP
BOG-2	2 cu.ft	60	405 x 405 x 405mm	145000.00
BOG-4	4 cu.ft.	113	610 x 450 x 410mm	160000.00
BOG-6	6 cu.ft.	173	845 x 500 x 400mm	168000.00
BOG-10	10 cu.ft.	282	870 x 570 x 560mm	190000.00
BOG-12	12 cu.ft.	342	900 x 650 x 570mm	200000.00
BOG-15	15 cu.ft.	421	700 x 900 x 650mm	230000.00

**Additional Facilities at an extra cost:—**

SAME AS FOR PLT -141 as above



**PLT-142 BLOOD BANK REFRIGERATOR/STORAGE CABINET with Digital Controller "TANCO"**

Triple Walled. Outer made of GI/MS Powder Coated & SS (304 grade) chamber, Temp. Range 4°C to 6°C,  $\pm 1^\circ\text{C}$ , CFC free refrigeration. Fitted with AUDIO VISUAL ALARM provided with Drawers for holding bottles/blood bags. Supplied with weekly circular Chart Recorder. Workable on 220/230 volts A.C.

Item No.	Capacity	Inner Dimension	No. of Drawers	SS Chamber
BBR -1	Capacity 60 Ltr. (30 Bags)	405 x 405 x 450 mm	1	170000.00
BBR -2	Capacity 120 Ltr. (70 Bags)	550 x 525 x 650 mm	2	195000.00
BBR -3	Capacity 215 Ltr. (144 Bags)	660 x 775 x 660 mm	2	230000.00
BBR -4	Capacity 310 Ltr. (224 Bags)	660 x 775 x 850 mm	3	260000.00
BBR -5	Capacity 410 Ltr. (294 Bags)	660 x 775 x 1050 mm	4	290000.00
BBR -6	Capacity 500 Ltr. (370 Bags)	660 x 775 x 1250 mm	5	325000.00

**Additional Facilities at an extra cost:—**

- (a) Automatic Voltage Stabilizer 6000.00
- (b) Communication Port with interface (RS485) & data cable to download data to PC for temp. complete with convertor 36000.00
- (c) For UPS Battery Backup P. O. R.

**PLT – 142(D) CRYO BATH "TANCO"**

Double Walled Outer MS powder coated & Inner SS Digitally Controlled Temp. **Range upto 4°C to 37°C** PUFF Insulated Cap.12bag: with stand for hanging plasma bags. Workable on 220/230 Volts AC. 220000.00

**PLT-143(A) FLUID WARMING CABINET with Digital Controller "TANCO"**

Triple Walled. SS Chamber, Properly Insulated Temp. Range 37°C to 70°C Full View Glass Door fitted with AUDIO VISUAL ALARM. Shelves are provided for holding bags/bottles. Workable on 220 / 230 volts A.C.

Item No.	Capacity	Litres	Usable space	GI Powder Coated Body	Stainless Steel Body
FWC-2	2 cu.ft	60	405 x 405 x 405mm	135000.00	160000.00
FWC -4	4 cu.ft.	113	610 x 450 x 410mm	165000.00	200000.00
FWC -6	6 cu.ft.	173	845 x 500 x 400mm	190000.00	235000.00
FWC -10	10 cu.ft.	282	870 x 570 x 560mm	215000.00	255000.00

**PLT-143(AA) BLANKET WARMING CABINET with Digital Controller "TANCO"**

Triple Walled SS Chamber, Properly Insulated Temp. Range 90-160 Degrees Farnhiet / Ambient to 70°C Full View Glass Door fitted with AUDIO VISUAL ALARM. Shelves are provided for holding bags/bottles. Workable on 220 / 230 volts A.C.

Item No.	Capacity	Litres	Usable space	GI Powder Coated Body	Stainless Steel Body
BWC-2	2 cu.ft	60	405 x 405 x 405mm	135000.00	160000.00
BWC -4	4 cu.ft.	113	610 x 450 x 410mm	165000.00	200000.00
BWC -6	6 cu.ft.	173	845 x 500 x 400mm	190000.00	235000.00
BWC -10	10 cu.ft.	282	870 x 570 x 560mm	215000.00	255000.00



## PLT-143(B) MEDICAL / PHARMA REFRIGERATOR with Digital Controller "TANCO"

General-purpose refrigerator SS Chamber, Full View Inner Glass Door. CFC Free Refrigeration Temp. range 2°C to 15°C. Accuracy of  $\pm 0.5^{\circ}\text{C}$ . with AUDIO VISUAL ALARM. Workable On 220 / 230 volts A.C.

Item No.	Capacity	Approx Volume (Ltr.)	Usable space	GI Powder Coated Body	SS Body
MRF-4	4 cu.ft.	113	610 x 450 x 410 mm	130000.00	150000.00
MRF -6	6 cu.ft.	173	845 x 500 x 400 mm	145000.00	165000.00
MRF -10	10 cu.ft.	282	870 x 570 x 560 mm	160000.00	185000.00
MRF -12	12 cu.ft.	342	900 x 650 x 570 mm	200000.00	225000.00
MRF -15	15 cu.ft.	421	700 x 900 x 650 mm	215000.00	245000.00
MRF- 16	16 cu ft.	450	980 x 640 x 700 mm	245000.00	275000.00
MRF-21	21 cu. Ft.	600	1100 x 700 x 700 mm	295000.00	335000.00

### Additional Facilities at an extra cost:—

(a) Automatic Voltage Stabilizer	6000.00
(b) Weekly Circular Chart Recorder / Mini Printer	36000.00
(c) Communication Port with interface (RS485) & data cable to download data to PC for temp. complete with convertor	36000.00
(d) Auto-Defrost System	7500.00
(e) For UPS Backup	P. O. R.



## PLT-143(C) PHARMA REFRIGERATOR ECONOMY MODEL "TANCO"

These models offers a great overview of the samples through the big glass doors. Inner Chamber (made of plastic) With uniform temperature and reliable performance. Workable on 220/230 Volts AC Supply.

Item No.	300	400	1100
Cooling Type	Frost Free	Frost Free	Frost Free
Gross Capacity (Ltrs.)	300	400	1100
Temperature Range	1°C ~ 8°C	1°C ~ 8°C	1°C ~ 8°C
Lock	Yes	Yes	Yes
Nos of Shelves	4	4	3
Wheels	2 (Rear)	2 (Rear)	4 (Rear)
Microprocessor Controller	Optional	Optional	Yes
Price	115000.00	145000.00	330000.00

### Optional at an Extra Cost:

(a) Microprocessor controller with display.	9000.00
(b) Visual and Acoustic alarm.	8500.00
(c) Adjustable High/Low temperature alarm.	2500.00
(d) Door open alarm.	7500.00



### PLT-144 ORBITAL SHAKING INCUBATOR TABLE TOP "TANCO" €€

Double Walled. Outer made of GI/MS Powder Coated & SS Chamber with speed controlled Platform to shake conical flasks in orbital motion with digital RPM display (50-250 rpm) in digitally controlled chamber temp range 5°C above RT to 60°C +0.5°C fitted with Air circulating fan, supplied with shaking platform (DC Motor). Workable on 220/230 volts A.C.

9 flask of 250ml/500ml	135000.00
16 flask of 250ml/500ml	150000.00
25 flask of 250ml/500ml	170000.00

#### Available at an Extra Cost:-

(a) Spare lotus clamps made of SS for holding conical flasks

Capacity	100/50 ml	150 ml	250 ml	500 ml	1000ml
	250.00	300.00	350.00	450.00	550.00



### PLT-145 ORBITAL SHAKING INCUBATOR (Only Heating) "TANCO" €€

Triple Walled. Outer made of GI/MS Powder Coated & SS Chamber with speed controlled Platform to shake flasks in orbital motion with digital RPM (50-250 rpm) display in digitally controlled chamber temp range 5°C above ambient to 60°C accuracy of 0.5°C fitted with Air circulating fan, supplied with shaking platform Available Flask Capacity 25 Erlenmeyer Flasks of 100 ml capacity, 16 Erlenmeyer Flasks of 250/500 ml capacity, 9 Flasks of 1000ml capacity, 4 Flasks of 2000ml capacity each. Workable on 220/230 volts A.C.

Chamber Size:- 605 x 605 x 605 mm, (Shaking Tray Size - 510 x 510 mm)	210000.00
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#### Additional Facilities at an extra cost:—

(a) Extra SS Shaker Platform for 100 ml Flask or 250 ml flasks will extra cost	11000.00
(b) For speed range 50 to 300 RPM extra	14000.00
(c) Built in U.V. germicidal tube light extra	5000.00
(d) Voltage Stabilizer Automatic	7000.00
(e) Communication Port with interface (RS485) & data cable to download data to PC for temp. complete with convertor	38000.00
(f) PLC Based HMI touch coloured screen Panel	135000.00
(g) Thermal/ Dot-Matrix Printer can be attached with PLC based system	30000.00



### PLT-146 ORBITAL SHAKING INCUBATOR cum BOD Incubator "TANCO" €€

Triple Walled. Outer made of GI/MS Powder Coated & SS Chamber with speed controlled Platform to shake flasks in orbital motion with digital RPM (50-250 rpm) display, temp range 5°C to 60°C accuracy of 0.5°C CFC Free Refrigeration fitted with Air circulating fan, supplied with shaking platform Available Flask Capacity 25 Flasks of 100 ml capacity, 16 Flasks of 250/500 ml capacity, 9 Flasks of 1000ml capacity, 4 Flasks of 2000ml capacity each. Workable On 220/230 V A.C

Chamber Size:- 605 x 605 x 605 mm, (Shaking Tray Size - 510 x 510 mm)	235000.00
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#### Additional Facilities at an extra cost:—

(a) Extra SS Shaker Platform for 100 ml Flask or 250 ml flasks will extra cost	11000.00
(b) For speed range 50 to 300 RPM extra	14000.00
(c) Built in U.V. germicidal tube light extra	5000.00
(d) Voltage Stabilizer Automatic	7000.00





- (e) Communication Port with interface (RS485) & data cable to download data to PC for temp. complete with convertor
- (f) PLC Based HMI touch coloured screen Panel
- (g) Thermal/ Dot-Matrix Printer can be attached with PLC based system

38000.00  
135000.00  
30000.00

## PLT-146(A) CO2 INCUBATOR "TANCO"

Internal material made of stainless steel (304 Grade). Fitted with Microprocessor intelligent temperature controller PID controlling with LED Display, Double layer door structure: open outer door, observe studio experimental results through the inner door which is made from high intensity toughened glass, having Independent heating system of the door. Humidity is controlled by water dish natural evaporation, displayed directly. Provided with UV lamp for sterilization, more effectively prevent cell of pollution in incubation period. Workable on 220/230 Volts AC Supply.

Model No.	COA – 1	COA – 2	COW – 3	COW – 4
Capacity	80 Ltr.	160 Ltr.	80 Ltr.	160 Ltr.
Heating	Air Jacket		Water Jacket	
CO <sub>2</sub> Control	Proportion Match			
Humidity Range	>90%RH (+37 <sup>0</sup> C when working stable)			
CO <sub>2</sub> Control Range	0 - 20%			
Temperature Range	Ambient temperature +5 <sup>0</sup> C - 60 <sup>0</sup> C			
Temperature Precision	0.1 <sup>0</sup> C			
Temperature Fluctuation	+0.5 <sup>0</sup> C			
Timing Range	0-99 Hours or continuous			
Power Relay	220V, 50/60 Hz			
Internal Size (MM)	400 x 400 x 500	500 x 500 x 650	400 x 400 x 400	500 x 500 x 650
Price	<b>475000.00</b>	<b>580000.00</b>	<b>580000.00</b>	<b>660000.00</b>



## PLT-147 SEED GERMINATOR SINGLE CHAMBER with Digital Controller "TANCO"

**Triple walled** outer body made of GI powder coated & inner chamber made of Stainless Steel (**304 grade**) Chamber with forced air circulating fans, properly insulated Temp. **Range 5°C to 60°C ± 1°C Humidity from 90 to 95% + 3% (not adjustable). CFC Free Refrigeration** with Aluminium perforated trays. Workable on 220/230 volts A.C.

Item No.	Inner Dimensions (W x D x H)	Capacity	Volume	No. of Shelves	SS Chamber
SGS-1	455 x 410 x 610mm	112 Ltr	4 Cuft	4	205000.00
SGS-2	505 x 415 x 830mm	171 Ltr	6.1 Cuft	6	215000.00
SGS-3	570 x 550 x 875mm	280 Ltr	10 Cuft	8	255000.00
SGS-4	650 x 580 x 900mm	340 Ltr	12 Cuft	14	280000.00
SGS-5	700 x 640 x 900mm	420 Ltr	15 Cuft	14	330000.00
SGS-6	700 x 640 x 970mm	450 Ltr	16 Cuft	14	350000.00
SGS-7	700 x 640 x 1100mm	500 Ltr	18 Cuft	16	370000.00
SGS-8	700 x 700 x 1100mm	560 Ltr	20 Cuft	16	425000.00



**Additional Facilities at an extra cost:—**

(a) Exterior Lighting Arrangement	38000.00
(b) 0-24 Hour Timer	3500.00
(c) Humidity Control arrangement. 55% to 90% $\pm$ 5% RH with Digital Humidity Controller/ Indicator.	32000.00
(d) Communication Port with interface (RS485) & data cable to download data to PC for temp. complete with convertor	36000.00
(e) Voltage Stabilizer Automatic	6000.00
(f) PLC Based HMI touch coloured screen Panel	100000.00
(g) Thermal/ Dot-Matrix Printer can be attached with PLC based system	30000.00

**PLT-148 SEED GERMINATOR (DUAL CHAMBER) "TANCO"**

Triple walle & Dual Outer made of GI/MS Powder Coated & Inner chamber made of S.Steel (304 grade) Chamber with forced air circulating fans, properly insulated digitally controlled Temp. Range 5°C to 60°C  $\pm$  1°C Humidity from 90 to 95% + 3 % (not adjustable). CFC Free Refrigeration, one chamber is fitted with sealed compressor for cooling and the second one with heaters for heating. with Aluminium Perforated Trays. Workable on 220 / 230 volts A.C.

Item No.	Inner Dimensions (W x D x H)	Capacity	Volume	No. of Shelves	SS Chamber
SGD-1	505 x 415 x 830mm x 2 Chambers	342 Ltr	12.2 Cuft	6 + 6	415000..00
SGD-2	570 x 550 x 875mm x 2 Chambers	560 Ltr	20 Cuft	8 + 8	490000.00

**Additional Facilities at an extra cost:—**

(a) Exterior Lighting Arrangement	38000.00 x 2 (for Both Chambers)
(b) 0-24 Hour Timer	3500.00 x 2 (for Both Chambers)
(c) Humidity Control arrangement. 55% to 90% $\pm$ 5% RH with Digital Humidity Controller/ Indicator.	12000.00 x 2 (for Both Chambers)
(d) Communication Port with interface (RS485) & data cable to download data to PC for temp. complete with convertor	36000.00
(e) Voltage Stabilizer Automatic	6000.00
(f) PLC Based HMI touch coloured screen Panel	100000.00
(g) Thermal/ Dot-Matrix Printer can be attached with PLC based system	30000.00

**PLT-148 (A) SEED BLOWERS (DACOTA TYPE) "TANCO"**

Double Column for covering entire range of seeds/grains provided with balanced suitable blower for separation by **accurate control of air flow through a transparent plastic column & through timer**. Workable on 220 / 230 volts A.C. 110000.00

**OPTIONAL ACCESSORIES:**

(a) Spare tube set for above	15000.00
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## PLT-149 PLANT GROWTH / ENVIRONMENTAL CHAMBER "TANCO"

Triple walled. Outer made of GI/MS Powder Coated & S.Steel (304 grade) Inner Chamber with Air Circulating Fans, full view inner glass door, properly insulated. Digitally Controlled temp. Range 5°C to 60°C under normal Conditions & 15°C to 60°C, Accuracy  $\pm 1^\circ\text{C}$  when lights from both sides are ON. Humidity range 55% to 90%  $\pm 3\%$  RH supplied with 0-24 Hours Timer. CFC Free Refrigeration Supplied with 2 or 3 removable shelves. Workable on 220/230 volts AC.

Item No.	Inner Dimensions (WxDxH)	Chamber Cap	Approx. Cap.	No. of Shelves	SS Chamber
PGC-1	455 x 410 x 610 mm	4 cu ft.	112 Ltr	2	238000.00
PGC-2	505 x 415 x 830 mm	6.1 cu ft.	171 Ltr	2	250000.00
PGC-3	570 x 550 x 875 mm	10 cu ft.	280 Ltr	3	285000.00
PGC-4	650 x 580 x 900 mm	12 cu ft.	340 Ltr	3	295000.00
PGC-5	700 x 640 x 900 mm	15 cu ft.	420 Ltr	4	315000.00
PGC-6	700 x 640 x 970 mm	16 cu ft.	450 Ltr	4	330000.00
PGC-7	700 x 700 x 1100 mm	20 cu ft.	560 Ltr	4	400000.00

### Additional Facilities at an extra cost:—

(a) Voltage Stabilizer Automatic	6000.00
(b) Communication Port with interface (RS485) & data cable to download data to PC for temp. complete with convertor	36000.00
(c) PLC Based HMI touch coloured screen Panel	100000.00
(d) Thermal/ Dot-Matrix Printer can be attached with PLC based system	30000.00

## PLT-151 PLASMA FREEZER (Vertical) with Digital Controller "TANCO"

Temp. Range as low as  $-35^\circ\text{C}$ . Triple walled. Outer made of GI/MS Powder Coated & SS (304 grade) Inner Chamber, CFC Free, full view Inner Glass Door. with Alarm Facility & 7 days circular chart recorder/mini printer supplied with shelves. Workable on 230 v. A.C.

Item No.	Capacity	Volume (Ltr)	Usable space	
PF -4	4 cu.ft.	113	610 x 450 x 410mm	300000.00
PF -6	6 cu.ft.	173	845 x 500 x 400mm	320000.00
PF -10	10 cu.ft.	282	870 x 570 x 560mm	340000.00
PF -12	12 cu.ft.	342	900 x 650 x 570mm	400000.00

### Additional Facilities at an extra cost:—

(a) Automatic Voltage Stabilizer	6000.00
(b) Communication Port with interface (RS485) & data cable to download data to PC for temp. complete with convertor	36000.00
(c) PLC Based HMI touch coloured screen Panel	100000.00
(d) Thermal/ Dot-Matrix Printer can be attached with PLC based system	30000.00



## PLT-152 TOP OPEN DOOR CHEST FREEZER (ECONOMY RANGE) "TANCO"

Alu. chamber upto  $-20^{\circ}\text{C}$ , Adjustable thermostat & anti-scratch cabinet. Workable on 220/230 volts A.C.

Capacity (in Ltr)	100	200	300	400	500	600
Volume	3.5 Cuft.	7.0 Cuft.	10.5 Cuft.	14.0 Cuft.	17.5 Cuft.	21.0 Cuft.
	53000.00	69000.00	82000.00	115000.00	132000.00	138000.00

Can be supplied with Electronic Digital temperature Indicator cum Controller 9000.00



## PLT-153 LOW TEMPERATURE CABINET VERTICAL (DEEP FREEZER) "TANCO"

Triple walled. Outer made of GI/MS Powder Coated & S.Steel (304 grade) Inner Chamber, CFC Free Refrigeration, properly insulated full view inner glass door. Digitally Controlled Temp. Range upto  $-40^{\circ}\text{C}$  with in accuracy of  $\pm 1^{\circ}\text{C}$ . Supplied with 2 or 3 removable shelves. Workable on 220 / 230 volts A.C.

Item No.	Capacity Cu. ft.	Capacity Approximately	Temp. Range Up to $-20^{\circ}\text{C}$	Temp. Range Up to $-30^{\circ}\text{C}$	Temp. Range up to $-40^{\circ}\text{C}$
LDF-4	4 Cu.ft.	112 Lt.	170000.00	185000.00	245000.00
LDF-6	6 Cu.ft.	170 Lt.	207000.00	228000.00	270000.00
LDF-10	10 Cu.ft.	285 Lt.	220000.00	250000.00	285000.00
LDF-12	12 Cuft.	340 Ltr.	250000.00	265000.00	340000.00
LDF-15	15 Cuft.	420 Ltr.	275000.00	320000.00	380000.00



### Additional Facilities at an extra cost:-

(a) Automatic Voltage Stabilizer	6000.00
(b) Thermal/ Dot-Matrix Printer can be attached with PLC based system	30000.00
(c) Chart Recorder 7 days	38000.00
(d) Communication Port with interface (RS485) & data cable to download data to PC for temp. complete with convertor	36000.00
(e) PLC Based HMI touch coloured screen Panel	100000.00
(f) For Additional Compressor Unit	P. O. R.

**NOTE: For Temperature range of more than  $-20^{\circ}\text{C}$  system should be placed in conditions where temperature does not exceed  $30^{\circ}\text{C}$ .**

## PLT-153 (A) LOW TEMP. CABINET HORIZONTAL (DEEP FREEZER) "TANCO"

Horizontal type, Chest opening, chamber made of S.Steel & Outer body made GI/MS Powder coated.

Item No.	Capacity Cu. ft.	Capacity Approximately	Temp. Range Up to $-20^{\circ}\text{C}$	Temp. Range Up to $-30^{\circ}\text{C}$	Temp. Range up to $-40^{\circ}\text{C}$
HDF-4	4 Cu.ft.	112 Ltr.	180000.00	195000.00	255000.00
HDF-6	6 Cu.ft.	170 Ltr.	217000.00	238000.00	280000.00
HDF-10	10 Cu.ft.	285 Ltr.	230000.00	260000.00	295000.00
HDF-12	12 Cuft.	340 Ltr.	260000.00	275000.00	350000.00
HDF-15	15 Cuft.	420 Ltr.	285000.00	330000.00	390000.00



**Additional Facilities at an extra cost:-**

(a) Automatic Voltage Stabilizer	6000.00	
(b) Thermal/ Dot-Matrix Printer can be attached with PLC based system		30000.00
(c) Chart Recorder 7 days		38000.00
(d) Communication Port with interface (RS485) & data cable to download data to PC for temp. complete with convertor		36000.00
(e) PLC Based HMI touch coloured screen Panel		100000.00
(f) For Additional Compressor Unit		P. O. R.

**NOTE: For Temperature range of more than -20°C system should be placed in conditions where temperature does not exceed 30°C.**

**PLT-153 (B) ULTRA LOW TEMPERATURE CABINET UP TO (-80°C) "TANCO" €**

Elegantly designed in Vertical/Horizontal models for maintaining ultra low temperature by using cascade type air cooled refrigeration system and hermetically sealed compressors with low noise level with inner chamber made of SS (304 Grade) outer MS Powder coated with puff insulation mounted on castor wheels. Workable on 220/240 volts, 50 – 60 Hz, AC power supply. Supplied with suitable voltage stabilizer.

(a) Capacity: 115 Ltr.	495000.00
(b) Capacity: 200 Ltr.	575000.00
(c) Capacity: 300 Ltr.	720000.00
(d) Capacity: 400 Ltr.	840000.00
(e) Capacity: 500 Ltr.	920000.00
(f) Capacity: 700 Ltr.	1020000.00
(g) Capacity: 800 Ltr.	1050000.00

**Additional Facilities at an extra cost:-**

(a) PLC Based HMI touch coloured screen Panel	100000.00
(b) Thermal/ Dot-Matrix Printer can be attached with PLC based system	30000.00

**NOTE: For Temperature range of more than -20°C system should be placed in conditions where temperature does not exceed 30°C.**

**PLT-153(C) LOW TEMPERATURE CABINET VERTICAL (DEEP FREEZER) COMPLETE STAINLESS STEEL "TANCO"**

Triple walled. Outer & Inner Made of S.Steel (304 grade), CFC Free Refrigeration, properly insulated full view inner glass door. Digitally Controlled Temp. Range upto -40°C. with in accuracy of +/-1°C. Supplied with 2 or 3 removable shelves. Workable on 220 / 230 volts A.C.

Item No.	Capacity Cu. ft.	Capacity Approximately	Temp. Range Up to — 20°C	Temp. Range Up to — 30°C	Temp. Range up to — 40°C
LDFS-4	4 Cu.ft.	112 Lt.	210000.00	225000.00	285000.00
LDFS-6	6 Cu.ft.	170 Lt.	250000.00	268000.00	310000.00
LDFS-10	10 Cu.ft.	285 Lt.	270000.00	300000.00	325000.00
LDFS-12	12 Cu.ft.	340 Ltr.	300000.00	310000.00	390000.00
LDFS-15	15 Cu.ft.	420 Ltr.	325000.00	380000.00	440000.00

**Additional Facilities at an extra cost:-**

(a) Automatic Voltage Stabilizer	6000.00
(b) Thermal/ Dot-Matrix Printer can be attached with PLC based system	30000.00



(c) Chart Recorder 7 days	38000.00
(d) Communication Port with interface (RS485) & data cable to download data to PC for temp. complete with convertor	36000.00
(e) PLC Based HMI touch coloured screen Panel	100000.00
(f) For Additional Compressor Unit	P. O. R.

**NOTE: For Temperature range of more than -20°C system should be placed in conditions where temperature does not exceed 30°C.**

## PLT-154 ICE FLAKING MACHINE "TANCO"

Ice flaking machine is designed in such a manner that flakes are Extruded just below 0° Celsius enhancing The granual structure to the flakes. These flakes suit variety of applications in Laboratories/Bio-technology. Fully Automatic microprocessor control. Stainless Steel construction. CFC free compressor, Low water level Indication, Overload protection, Noiseless operation complete with storage bin (ABS Plastic). Water supply 3/4 inch. Workable on Single Phase 220 / 230 volts A.C. supply.

Item No.	Capacity of ICE Flake (Kg per 24 hrs.)	Storage Bin Capacity	Input Power	
IFM-30	30	7 kg	180 W	160000.00
IFM-50	50	10 kg	280 W	200000.00
IFM-100	100	20 kg	420 W	335000.00



## PLT-155 WATER STILL AUTOMATIC WALL TYPE "TANCO"

Made of SS (light gauge) polished for continuous supply of distilled water. Workable on 220/230 volts AC.

WSW-2	Output per hour 2 Lt.	2 K.W. 220 Volts AC	11000.00
WSW-4	Output per hour 4 Lt.	4 K.W. 220 Volts AC	12000.00
WSW-6	Output per hour 6 Lt.	6 K.W. 200 Volts AC	14500.00



## PLT-157 WATER STILL ELECTRICAL "TANCO" (TABLE PATTERN BARNSTED TYPE)

Table Top Model Made of SS for Continous Supply of distilled water. Workable on 220 / 230 volts A.C.

Item No.	Output per hour Capacity	Watts	
WSB-4	4 Lt.	4.0 K.W.	23500.00
WSB-6	6 Lt.	6.0 K.W.	30000.00
WSB-10	10 Lt.	10.0 K.W.	55000.00
WSB-20	20 Lt.	15.0 K.W.	122000.00



## PLT-158 WATER STILL AUTOMATIC IN ALL GLASS "TANCO"

Made of Borosilicate Glass with Cut-Off Device. (As per NPL Patent Design.) Workable on 220/230 volts.

Item No.	Flask Cap.	Single Stage	Double stage	Triple Stage
WSG-3	3 Ltrs.	25000.00	42000.00	61000.00
WSG-5	5 Ltrs.	27000.00	50000.00	65000.00
WSG-10	10 Ltrs.	32000.00	58000.00	89000.00

### Optional Accessories

Capacity	3 Ltrs	5 Ltrs	10 Ltrs
(a) Spare flask (with Heaters)	9500.00	11000.00	16000.00
(b) Spare Condenser	3500.00	4000.00	7000.00





**PLT-159 SINGLE STAGE DISTILLATION UNIT HORIZONTAL MODEL "TANCO"**

With Borosilicate boiler, borosilicate condensor & quartz heater, horizontal type, workable on 220/240V, 50/60Hz single phase supply.

Dist. Water output cap	2 Ltr/hr	4 Ltr/hr	6 Ltr/hr	8 Ltr/hr
Power rating	1.5 (kw)	3 (kw)	5 (kw)	6 (kw)
Conductivity (S/cm)	<3 x 10	<3 x 10	<3 x 10	<3 x 10
Distillation Temp ( $^{\circ}$ C)	25 – 45 $^{\circ}$ C	25 – 45 $^{\circ}$ C	25 – 45 $^{\circ}$ C	25 – 45 $^{\circ}$ C
Price	31500.00	48000.00	70000.00	150000.00



**PLT-159(A) DOUBLE STAGE DISTILLATION UNIT HORIZONTAL MODEL "TANCO"**

With Borosilicate boiler, borosilicate condensor & quartz heater, horizontal type, workable on 220/240V, 50/60Hz single phase supply.

Dist. Water output cap	2 Ltr/hr	4 Ltr/hr	6 Ltr/hr	8 Ltr/hr
Power rating	3.0 (kw)	6.0 (kw)	8.0 (kw)	10 (kw)
Conductivity (S/cm)	<3 x 10	<3 x 10	<3 x 10	<3 x 10
Distillation temp (c)	25 – 45 $^{\circ}$ C	25 – 45 $^{\circ}$ C	25 – 45 $^{\circ}$ C	25 – 45 $^{\circ}$ C
Price	75000.00	90000.00	115000.00	195000.00



**PLT-159(B) ALL QUARTZ DISTILLATION "TANCO"**

Quartz Boiler thus non-hygroscopic, high purity distillat, Pyrogen Free, the unique condenser design ensures that the droplets of distilled water remain in contact with the cooling coil for the longest possible time producing cold distilled water and pre-heating the boiler feed to increase efficiency. Workable on 220/230 Volts AC Supply.

Output Capacity	Single State	Double Stage
1liter/hr	92000.00	192000.00
2liters/hr	102000.00	272000.00
2.5liters/hr	108000.00	288000.00
3liters/hr	144000.00	344000.00
4liters/hr	182000.00	422000.00
5liters/hr	205000.00	505000.00



**Optional Accessoires at an Extra Cost:—**

(a) Electronic Dual Cut-Off System Upto 2.5 Liters/Hr.	30000.00
(b) Electronic Dual Cut-Off System above 2.5 Liters/Hr.	40000.00

**PLT-160 LABORATORY ROUND HEATING PLATE (WITH CAST IRON TOP) "TANCO"**

7½" Dia 1500 watts provided with E.R. to control the Temp. up to 300 $^{\circ}$ C. Workable on 230 Volts. A.C.	4400.00
—DO— Complete Stainless Steel GMP	8800.00



**PLT-163 LAB. HEATING PLATE - WITH CAST IRON TOP "TANCO"**

Rectangular body- heating upto 300°C are fitted with insulated elements. Workable on 220 / 230 volts A.C.

	B. L H.	Watts	Fitted with E. R.	S.S. Top With Digital	Complete SS With Digital
HPC-1	250 X 300 X 150 mm	1000	9200.00	21000.00	24000.00
HPC-2	250 X 400 X 150 mm	1200	10000.00	26000.00	30000.00
HPC-3	300 X 450 X 150 mm	2000	12800.00	30000.00	36000.00
HPC-4	450 X 600 X 150 mm	3000	23000.00	36000.00	47000.00

**PLT-164 SLIDE WARMING TABLE "TANCO"**

Temperature Range from Ambient to 70°C. Useful for heating slides at constant temperature below the melting point of Wax. Temperature controlled by bimetallic thermostat/Electronic Controller. Top made of Stainless Steel/Aluminum, Complete with Plug & Cord etc. supplied without thermometer. Workable on Single Phase 220 / 230 volts A.C. supply.

Size:	Thermostat Controlled	Electronically Controlled
125mm x 250 mm	11500.00	18500.00
150mm x 300mm	12800.00	19800.00
300 mm x 450 mm	19500.00	26500.00

**PLT-165 HEATING MANTLES (FITTED WITH ENERGY REGULATOR) "TANCO"**

Alu. Body insulated, Heating done by hand knitted mantle made of glass yarn to attain temp. Upto 300°C.

Item No.	Multi-size	Watts	Circuits	Complete
HMT-1	100-500 ML	60-200	1	2900.00
HMT-2	250-1000 ml	300	1	3500.00
HMT-3	500-2000 ml	450	1	4300.00
HMT-4	500-3000 ml	500	1	4800.00
HMT-5	1000-5000 ml	600	1	5500.00
HMT-6	10 Lt.	2 x 500	2	12600.00
HMT-7	20 Lt.	3 x 600	3	P. O. R.

**PLT-170 KJELDHAL DISTILLATION UNIT (Without Glass Parts & Clamps) "TANCO"**

Useful for distillation purpose for 300, 500 or 800 ml flask. Workable on 220 / 230 volts A.C.

KEM-4	Unit of 3 test Mantle type with 3 Energy Regulators	15000.00
KEM-8	Unit of 6 test Mantle type with 6 Energy Regulators	26000.00

**PLT-171 KJELDHAL DIGESTION UNIT (Without Glass Parts) "TANCO"**

Useful for digestion purpose for 300, 500 or 800 ml. flasks. Provided with (1) fume Duct (2) Steel stand (3) Pair of hangers. Workable on 220 / 230 volts A.C.

KMM-4	Unit of 3 test Mantle type with 3 Energy Regulators	15000.00
KMM-8	Unit of 6 test Mantle type with 6 Energy Regulators	



**PLT-172 KJELDHAL DISTILLATION & DIGESTION COMBINED UNIT (WITHOUT GLASS PARTS & CLAMPS) "TANCO"**

Supplied with (1) Two heating boxes (2) Brass Condenser Rack (3) Tubular stand (4) Fume duct (5) Pair of hangers. Workable on 220 / 230 volts A.C.

Unit of 3 tests Mantle type with 3 Energy Regulators	49000.00
Unit of 6 tests Mantle type with 6 Energy Regulators	60000.00



**PLT-173 C.O.D. DIGESTION APPARATUS WITH DIGITAL CONTROLLER "TANCO"**

Solid state block heated unit (Block dimension L x W x H- 270 x 150 x 70 mm) having temp. of  $150^{\circ}\text{C} \pm 1^{\circ}\text{C}$ . for Digestion of **15 samples** in 38 mm dia reaction vessels with 20 ml sample size fitted with a 2-hour timer. Workable on 220 / 230 volts A.C.

Item No.	Capacity	
CDA-1	6 Samples	50000.00
CDA-2	10 Samples	59000.00
CDA-3	15 Samples	74000.00
CDA-4	20 Samples	94000.00



**Optional Accessories**

(a) Spare digestion tube with condenser	1250.00
(b) Spare digestion rack for 15 tubes	6500.00

**PLT-174 TUBE HEATING BLOCK (KJELDADHL DIGESTION UNIT) "TANCO"**

Aluminum Block for heating 40 digestion tubes of 75ml (24 mm dia) each Digitally Controlled having temp. range— Ambient  $+5^{\circ}\text{C}$  to  $450^{\circ}\text{C}$  with the accuracy of  $\pm 2^{\circ}\text{C}$ . Workable on 230 v. AC. 62000.00



**PLT-174(A) DRY BATH INCUBATOR "TANCO"**

Microprocessor controlled, End of cycle Buzzer Alarm Indication and heater cut off, Easy user calibration, 16 x 2 Alpha-Numeric display for clear indication of Temperature & Time, Pause Function is also provided to user for a break during long operation, Reloaded / Pre-programmed protection with Time hold in case of Power Failure. Over Heat Protection: Block size: 24 x 12 mm Tube holders, solid Aluminium block, Workable on: 230 V  $\pm 10\%$  AC 50Hz

Item No.	Temp. Range	Resolution	Accuracy	Price
DBI-1	Ambient $+5$ to $70^{\circ}\text{C}$	$1^{\circ}\text{C}$	$\pm 1^{\circ}\text{C}$	15800.00
DBI-2	Ambient $+5$ to $70.0^{\circ}\text{C}$	$0.1^{\circ}\text{C}$	$\pm 0.5^{\circ}\text{C}$	19800.00
DBI-3	Ambient $+5$ to $100^{\circ}\text{C}$	$1^{\circ}\text{C}$	$\pm 1^{\circ}\text{C}$	17800.00
DBI-4	Ambient $+5$ to $100.0^{\circ}\text{C}$	$0.1^{\circ}\text{C}$	$\pm 0.5^{\circ}\text{C}$	18800.00
DBI-5	Ambient $+5$ to $150^{\circ}\text{C}$	$1^{\circ}\text{C}$	$\pm 1^{\circ}\text{C}$	23800.00



**PLT-175 SOXHLET EXTRACTION UNIT (WITHOUT GLASS PARTS & CLAMPS) "TANCO"**

Consists of MS housing provided with mantles with temp. up to  $300^{\circ}\text{C}$ . Workable on 220 / 230 volts A.C.

Unit of 3 tests Mantle type with 3 Energy Regulators	15000.00
Unit of 6 tests Mantle type with 6 Energy Regulators	26000.00



**PLT-181 MEDICO CENTRIFUGE "TANCO" €**

For Hospitals/Path Labs working **up to 3000 RPM** having built in 5 step speed regulator and one **swing-out rotor complete with tube carriers**. Workable on 220/230 volts A.C.

**Options Available**

Item No.		CEN-4	CEN-6	CEN-8	CEN-16
Capacity	MI	4 x 15	6 x 15	8 x 15	16 x 15
Type of Head		Swing Out		Angle	
No. of tubes		4	6	8	16
Max. Speed	RPM	3000	3000	3000	3000

CEN-4	4 X 15 ml	9000.00
CEN-6	6 X 15 ml	10000.00
CEN-8	8 X 15 ml	11500.00

**PLT-184 LABORATORY STIRRERS "TANCO"**

Max. speed upto 4000 RPM with speed regulator having SS Shaft. Workable on 220 / 230 volts A.C.

LST-1	1/20 H.P. Stirrer with Regulator	17000.00
LST-2	1/6 H.P. Stirrer with Regulator	26000.00
LST-3	1/4 H.P. Stirrer with Regulator	33500.00
LST-4	1/2 H.P. Stirrer with Regulator	38000.00

**PLT-185 EMULSIFIER (HOMOGENIZER) "TANCO"**

Fitted with 1/20 H.P. Motor with speed regulator having perforated SS disc for moving in horizontal and vertical direction (Complete on stand). Workable on 220 / 230 volts A.C.

38000.00

**PLT-187 MAGNETIC STIRRER (WITH SS TOP – HOT PLATE) "TANCO"**

Stirring is done by magnetized **Teflon coated paddle** at variable speed. & Temp. controlled by E.R.

	Stirring Capacity (in Ltr.)	Regular Model	Complete SS Body
MSH-2	1 OR 2 Ltr.	8500.00	10500.00
MSH-5	5 Ltr.	13500.00	16000.00
MSH-10	10 Ltr.	21000.00	23500.00
Spare Teflon Paddle			500.00

**Additional Facilities at an extra cost:—**

(a) Digital RPM/Speed meter with proximity switch	8000.00
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**PLT-189 MAGNETIC STIRRER with ABS TOP "TANCO"**

With ABS plastic housing. Workable on 220 / 230 volts A.C.

(a) Ordinary Model	7000.00
(b) With Intelligent Stirrer (Water Proof Structure) with Microprocessor Chip Design.	12000.00



**PLT-195 FLOCULATOR (JAR TESTING OR MULTIPLE SPINDLE STIRRER) "TANCO"**

Variable speed from 30 to 180 RPM- with 1/20 H.P. motor permits use of 1000 ml. beakers arresting directly on bench. Complete with ON/OFF Switch. **Supplied without Beakers.** Workable on 220/230 volts A.C.

	Capacity	Stirrer	M S Body
FJT-1	1 Lt.	2	37500.00
FJT-2	1 Lt.	4	48000.00
FJT-3	1 Lt.	6	57000.00
FJT-4	2 Lt.	2	45000.00
FJT-5	2 Lt.	4	57000.00
FJT-6	2 Lt.	6	66000.00

**For Complete SS Body**

**P. O. R.**

**Additional Facilities at an extra cost:—:**

(a) Automatic Timer Mechanical Imported	3600.00
(b) Revolution Counter	5000.00
(c) Digital RPM Meter with proximity switch	8000.00



**PLT-201 V.D.R.L. ROTATOR "TANCO"**

Having covered metal platform Size 13" x 13" with spring, holder clamp, indicator lamp and ON/OFF switch.

With variable speed 70 to 210 RPM with timer. 13000.00

With Speed of 350 RPM with Timer 15000.00

— do — with digital RPM indicator & Timer 20000.00



**PLT-202 VORTEX SHAKER (TEST TUBE SHAKER/CYCLOMIXER) "TANCO"**

Vibration type variable speed with neoprene cup with ON/OFF switch, touch plate and indicators. 7500.00

— do — DELUXE MODEL

With top rectangular platform for tubes and vials besides an attachment for test tube shaking. 13500.00

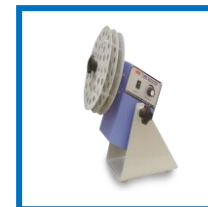


**PLT-202 (A) TUBE ROTATOR "TANCO"**

**Variable speed of 10 to 50 rpm and angle tilt of 2° to 6°.** For 24 sample tubes. Workable on 220/230 volts

A.C. supply. Without DIGITAL SPEED METER 44000.00

—do— But fitted with Digital RPM / SPEED METER 48000.00



**PLT -202 (B) BLOOD ROLLER MIXER "TANCO"**

Blood Mixer used for gentle mixing process that makes blood homogeneous. Having high tensile strength and strong features, Body M.S. with Powder Coated. Maximum R.P.M. 30 to 36. Mixing Time - 15 to 20 Minutes.

Four Nos. - Roller Size - Length 230mm can be run with Six Nos. Loaded Vacuoners (of 4ml) Or Bulb of 5ml x 15Nos Workable on 220 V AC supply. 8000.00



**PLT-203 GEL ROCKER SHAKER "TANCO"**

The Gel Rocker Shaker are made up of premier quality raw materials. The motion of plat form (400 x 400 mm Platform) can be adjusted from 10 to 50 rpm with angle tilt of 2° to 6°. Workable on 220/230 volts

Without Digital Speed Meter 45000.00

—Do— Fitted with Digital RPM/Speed Meter 50000.00



## PLT-204 SHAKING MACHINE (WRIST ACTION) "TANCO"

To hold flasks from 100 ml. to 1000 ml shaking controlled by speed regulator fitted with F.H.P. Motor.

SMW-4	To hold 4 flasks	28000.00
SMW-8	To hold 8 flasks	30000.00
SMWP-4	To hold 4 flasks with top 4 bottle holders	33000.00
SMWP-8	To hold 8 flasks with top 4 bottle holders	37000.00
Timer for above		3000.00

Without Top Platform



## PLT-205 SHAKING MACHINE (RECIPROCATION KHAN'S TYPE) "TANCO"

With shaking speed of 140 to 240 RPM by Reciprocal shaking of 1/2" left & 1/2" right. Workable on 230 V. AC.

(a) Carrier Size: 20" X 13" X 4"	46000.00
(b) Carrier Size: 30" X 17" X 4"	50000.00
(c) Carrier Size: 15" X 15" X 4"	48000.00
(d) Carrier Size: 18" X 18" X 4"	54000.00
(e) Carrier Size: 24" X 24" X 4"	75000.00

### Additional Facilities at an extra cost:—

(a) Automatic Timer Mechanical Imported	3000.00
(b) Digital RPM Meter with proximity sensor	8000.00



## PLT-207 ROTARY SHAKER HORIZONTAL TABLE TOP MODEL "TANCO"

Driven by D.C. Motor with in a dia. of approx. 2" having **Speed range is 50 – 250 RPM.** fitted with rubber discs or with lotus type clamps to hold flasks. Workable on 220 / 230 volts A.C.

### Options Available:

Platform Size	FLASK CAPACITY					
	25 ml	50 ml	100 ml	250 ml	500 ml	1000 ml
30 cm x 30 cm	18	18	16	9	9	-
45 cm x 45 cm	36	36	25	16	16	9
65cm x 65 cm	64	64	49	36	25	16
90cm x 90 cm	144	144	121	81	49	36
120cm x 120cm	225	225	200	144	81	64
150cm x 150cm	AS PER CUSTOMER REQUIREMENT					
180cm x 180cm	AS PER CUSTOMER REQUIREMENT					

Model	Platform (In CMS)	M.S. top	S.S. top
HRS-1	30 x 30	30500.00	34500.00
HRS-2	45 x 45	40000.00	45000.00
HRS-3	65 x 65	72000.00	84000.00
HRS-4	90 x 90	112000.00	135000.00
HRS-5	120 x 120	150000.00	190000.00

### Additional Facilities at an extra cost:

(a) Automatic Timer Mechanical Imported	3000.00
(b) Digital RPM Meter with proximity sensor	8000.00
(c) Spare platform with rubber discs.	P.O.R.





**PLT-207 (A) ROTARY SHAKER HEAVY DUTY "TANCO"**

Heavy duty driven by **SMPS based DC UNIT** & speed control by VARIAC (AUTO TRANSFORMER) from 50 to 250 rpm (approx). Fitted with Digital RPM /Speed meter & ON/OFF timer. Workable on 220 / 230 volts A.C.

Model No	Platform Size	FLASK CAPACITY			
		100 ml	250 ml	500 ml	1000 ml
HRD-1	65cm x 65 cm	49	36	25	16
HRD-2	90cm x 90 cm	100	64	49	36
HRD-3	120cm x 120cm	144	100	100	64

Item No.	Platform	
HRD -1	65 cm x 65 cm	165000.00
HRD -2	90 cm x 90 cm	200000.00
HRD -3	120 cm x 120 cm	265000.00

**Additional Facilities at an extra cost:—**

(a) Digital ON/OFF timer	5000.00
(b) Digital RPM/ Speed Meter with proximity switch	8000.00

**PLT-207(B) HEAVY DUTY DOUBLE DECKER ROTARY SHAKER "TANCO"**

With Variable Speed. Workable on 220 / 230 volts A.C.

Platform (In Inches)	Flask Holding Capacity	with DC Motor
60 x 60	32 x 2000 ml + 100 x 1000 ml	330000.00
90 x 90	100 x 2000 ml + 180 x 1000 ml	620000.00

**PLT-210 LAB. WILLY MILL (AUTHOR H. THOMAS TYPE) "TANCO"**

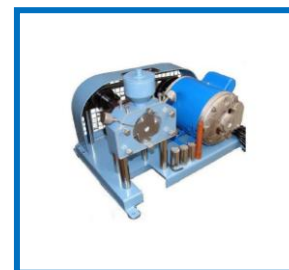
Chamber fitted with 3 delivery SS sieves of **20, 40 & 60 mesh**, with Adjustable Blades. Workable on 230 V.

Item No.	Size of Inner chamber	H.P. Motor	SS Chamber
LWM-1	40 X 25 mm	1/4 H.P.	48000.00
LWM-2	65 X 25 mm	1/4 H.P.	55000.00
LWM-3	100 X 50 mm	1/2 H.P.	78000.00
LWM-4	200 X 75 mm	1 H.P.	160000.00

**PLT-211 LAB. BALL MILL "TANCO"**

FHP geared motor with max. **speed of 80 RPM** with inter-changeable Jars. Workable on 220 / 230 volts A.C.

Item No.	Capacity	S.S. Jar
LBM-1	1 Kg.	36000.00
LBM-2	2 Kg.	38000.00
LBM-3	5 Kg.	72000.00
LBM-4	10 Kg.	120000.00
LBM-5	20 Kg.	145000.00
LBM-6	50 Kg.	200000.00
LBM-7	100 Kg.	340000.00



**PLT-231 SIEVE SHAKER (GRYTOR MOTORIZED) "TANCO"**

Can accommodate **upto 7 sieves of 6" to 8" Dia** driven by 1/4 H.P. Motor with Timer but without test Sieves. Workable on 220 / 230 volts A.C. 48000.00

**Additional Facilities at an Extra Cost:**

- (a) Adapter for 12" sieves 7500.00



**PLT-231 (A) SIEVE SHAKER (GRYTOR TABLE TOP MODEL) "TANCO"**

**Light weight** driven by FHP motor with speed regulator, can accommodate up to 6 sieves of 8" Dia. Workable on 220 / 230 volts A.C. 34000.00



**PLT-232 SIEVE SHAKER (ROTOP MOTORIZED) "TANCO"**

Heavy Duty driven by 1/4 H.P. Motor with the circular end to end motion, Can accommodate 6" or 8" Dia sieves. Workable on 220 / 230 volts A.C. 120000.00



**PLT-240 RECTANGULAR MUFFLE FURNACE (1000°C) "TANCO" €**

Light Weight Max. Temp. 1000°C and working temp. up to 900°C Heating is done by Embedded Heaters **controlled by microprocessor based electronic digital controller cum indicator** & Thermo-couple, silver fuse, Workable on 230 volts A.C.

Item No.	Muffle Size	RATING	MS Body	SS Body	Spare Muffle
RMF-1	100 x 100 x 225 mm	1.5 KW	26000.00	44000.00	5400.00
RMF-2	125 x 125 x 250 mm	2.5 KW	33500.00	53000.00	7200.00
RMF-3	150 x 150 x 300 mm	3.3 KW	48000.00	68000.00	12000.00
RMF-4	200 x 200 x 300 mm	5.0 KW	52000.00	77000.00	15000.00
RMF-5	225 x 225 x 300 mm	6.0 KW	60000.00	90000.00	19000.00
RMF-6	225 x 225 x 450 mm	6.0 KW	90000.00	12500.00	P. O. R.



**Additional Facilities at an extra cost:**

- (a) Fitted with Profile Digital controller having 4 Programmes each of 16 steps (64 steps) soak profile. 13000.00
- (b) Electronic Timer 99.99 Hours. 4500.00

**PLT-240 (A) RECTANGULAR MUFFLE FURNACE (1200°C) "TANCO" €**

Light Weight Maximum Temp. 1200°C grooved Refractory type, working temp. Up to 1150°C **Digitally Controlled**, complete with Thermo-couple. Workable on 220/230 volts A.C.

Item No.	Muffle Size	RATING	MS Body	SS Body	Tile Set with Heat
RMFH-1	100 x 100 x 225 mm	2.0 KW	34000.00	54000.00	8500.00
RMFH-2	125 x 125 x 250 mm	2.5 KW	45000.00	65000.00	10000.00
RMFH-3	150 x 150 x 300 mm	3.0 KW	52000.00	77000.00	15000.00
RMFH-4	200 x 200 x 300 mm	5.0 KW	70000.00	100000.00	19000.00
RMFH-5	225 x 225 x 300 mm	5.0 KW	84000.00	120000.00	23500.00



**Additional Facilities at an extra cost:—**

- (a) Fitted with Profile Digital controller having 4 Programmes each of 16 steps (64 steps) soak profile. 13000.00
- (b) Electronic Timer 99.99 Hours. 4500.00

### PLT-241 TUBE FURNACE (LIGHT WEIGHT) "TANCO" €€

With ceramic fiber insulation outer made of GI Powder Coated. Fitted with Microprocessor based PID temp. Controller with digital indicator and sensor/thermocouple. Working temp. 400°C to 1150°C. Fitted with Tube having Heating Zone of 8" with 2" Diameter & 16" Length. Workable on 230 volts AC Supply.

Temp. Range	900°C	1100°C	1400°C
Price	100000.00	130000.00	250000.00



### PLT-242 INDUSTRIAL FURNACE "TANCO" €€

Heavy Duty for Industrial use maximum temperature range upto 1100°C with grooved refractory plate with thermocouple temp. Digitally Controlled, Highly Insulated. Workable on 440 Volts three phase A.C. supply.

Item No.	Muffle Size	Rating Approx.	
IMF-1	300 X 300 X 300 mm	10 K.W.	122000.00
IMF-2	300 X 300 X 450 mm	10 K.W.	140000.00
IMF-3	300 X 300 X 600 mm	12 K.W.	195000.00
IMF-4	300 X 300 X 900 mm	15 K.W.	300000.00
IMF-5	450 X 450 X 450 mm	18 K.W.	340000.00
IMF-6	450 X 450 X 675 mm	18 K.W.	370000.00
IMF-7	450 X 450 X 900 mm	24 K.W.	450000.00



#### Additional Facilities at an extra cost:

(a) Fitted with Profile Digital controller having 4 Programmes each of 16 steps (64 steps) soak profile.	13000.00
(b) Electronic Timer 99.99 Hours.	4500.00

### PLT-243 (A) HIGH TEMPERATURE MUFFLE FURNACE upto 1450°C "TANCO" €€

**Max. Temp. up to 1450°C, working Temp. up to 1400°C.** Highly Insulated & heating is done by **Imported Silicon Carbide Rods** duly controlled by Accurate Step down Transformer (Air cooled), Digitally Controlled Supplied with input sensor: Pt./Rh 30%. Workable on 220 / 230 volts A.C. supply.

Item No.	Chamber Size (mm):	PRICE
MFH-1	100 x 100 x 225	125000.00
MFH-2	125 x 125 x 250	165000.00
MFH-3	150 x 150 x 300	198000.00
MFH-4	200 x 200 x 300	255000.00
MFH-5	225 x 225 x 300	300000.00
MFH-6	300 x 300 x 300	525000.00
MFH-6	450 x 450 x 450	1200000.00
MFH-7	600 x 600 x 600	1600000.00

For other Sizes

P-O-R

**Note: For Complete Stainless Steel Body**

**P. O. R.**

#### Spare Available at an Extra Cost:

(a) Spare Silicon Carbide heating rod to cost extra	7800.00
(b) Spare Clip to hold heating rod.	400.00



### PLT-244 INCINERATOR PORTABLE "TANCO" €€

Useful for Medical Waste Treatment in **Nursing Home, Blood Banks having Dual Chambers with 2 heating chambers (850°C & 1000°C)** with stack complete digitally controlled. ON WHEELS Workable on 220 / 440 volts A.C.

Chamber Capacity 1 Kg	260000.00
Chamber Capacity 2 Kg	285000.00
Chamber Capacity 3 Kg	400000.00
Chamber Capacity 5 Kg	435000.00
Chamber Capacity 7.5 Kg	485000.00
Chamber Capacity 10 Kg	800000.00

#### Additional Facilities at an extra cost:

(a) Dilution Process System	30000.00
(b) Data Logger with Printing Facility	24000.00
(c) Complete Smoke Emmision System with Chimeny (For INCI-3 & INCI-4)	350000.00
(d) Complete Smoke Emmision System with Chimeny (For INCI-5 & INCI-6)	400000.00
(e) PLC Based HMI touch coloured screen Panel	95000.00
(f) Thermal/ Dot-Matrix Printer can be attached with PLC based system	20000.00



### PLT- 244 (A) BIO-MEDICAL SHREDDER "TANCO"

Sturdy Fully Automatic, Electrically Controlled. Fully enclosed with no chances of Aerosol. Automatic Reverse Rotation under Load. Shredder having Low RPM, High Torque with Gear Box and Electrical Motor. Mesh Size—appropriately provided to shred small or big medical waste. Having Low Power Consumption. Fitted with 2 HP Motor. The Capability of shredder is to shred 5-8 Kg per Hour of Non-Infectious Waste only (Depending Upon Waste Quality).

The operator can charge material in the shredder safely without any hindrance into the shredder without stopping the rotor of the shredder. The hopper of the shredder is such designed so that it can be easily opened to remove any oversize scrap or any material which is stuck and cleaning of the shredding chamber. Rotor & Blades of shredder made of high quality steel, hardened and grounded with very high service life.

Fitted with control panel having over load relay & MCB, Emergency switch to stop shredder, Stop Starter for reverse rotation of motor & limit switch to ensure shredder operates only when the hopper is closed. Workable on 220 volts single phase AC Supply.



280000.00

### PLT-250 VACUUM PUMP MONO BLOCK TYPE SINGLE STAGE "TANCO"

Capacity - 42 Lit/Min,	Ultimate Vacuum - 0.05 mbar	15000.00
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### PLT-250 (A) VACUUM PUMP MONO BLOCK TYPE DOUBLE STAGE "TANCO"

Capacity	100 Lit/Min	170 Lit/ Min	283 Lit/min
Ultimate Vacuum	25 microns	25 Microns	25 Microns
Unit Price	22000.00	28000.00	38000.00



## PLT-251 VACUUM PUMP DIAPHRAGM TYPE (OIL FREE) "TANCO"

**Low vacuum cum Low Pressure** Double Stage pump with **TEFLON** diaphragm, Workable on 230 volts A.C.

VPO- 25	Air Displacement 25 Ltrs/minute (Double Head)	17500.00
VPO- 45	Air Displacement 45 Ltrs/minute (Double Head)	29000.00

**For Water Ring Type Vacuum Pumps**

**P. O. R.**



## PLT-255 VACUUM ROTARY EVAPORATOR (BUCHI TYPE) "TANCO"

Used for vacuum distillation of solvent having non-sparking motor at variable speed (90 RPM to 240 RPM). Supplied with replaceable 1 Ltr. evaporator and receiving flask, Condenser, **Fitted with quick action jack.**

(a) Flask Capacity 1 Ltr.	115000.00
(b) Flask Capacity 2 Ltr.	130000.00
(c) Flask Capacity 3 Ltrs.	190000.00

**Additional Facilities at an extra cost:—**

(a) Water Bath for 1 Ltrs. Capacity.	10000.00
(b) Water bath with Digital Controller	16000.00
(c) Condenser (Borosilicate Glass) double coiled	5000.00
(d) Digital RPM/Speed Meter	4000.00



## PLT-256 VACUUM ROTARY EVAPORATOR with motorized lift (DELUXE MODEL) "TANCO"

With Digital **Water Bath & fitted with Digital RPM/Speed Meter. Hydraulic lift.** Workable on 230 volts A.C.

(a) Capacity 1.00 Ltr	175000.00
(b) Capacity 2.00 Ltr	210000.00
(c) Capacity 3.00 Ltr	230000.00



## PLT-257 STABILITY CHAMBER with PID Digital Controller (Outer Mild Steel) "TANCO"

Triple walled SS (304 grade) Chamber, PUFF insulated, Full view inner glass door temp. range from 20°C to 60°C displaying Temp. and Humidity with an accuracy of  $\pm 1^\circ\text{C}$  for Temp. &  $\pm 3\%$  to  $5\%$  RH with humidity Range 55% to 90% CFC free refrigeration. Complete with shelves. Workable on 220 / 230 volts A.C.

Item No.	Inner Dimensions (W x D x H)	Capacity	Volume	No. of Shelves	SS Chamber
SC-1	455 x 410 x 610 mm	112 Ltr	4 Cuft	2	245000.00
SC-2	505 x 415 x 830 mm	171 Ltr.	6.1 Cuft	2	255000.00
SC-3	570 x 550 x 875 mm	280 Ltr.	10 Cuft	3	325000.00
SC-4	650 x 580 x 900 mm	340 Ltr.	12 Cuft	3	345000.00
SC-5	700 x 640 x 900 mm	420 Ltr.	15 Cuft	4	420000.00

**Note: For Bigger Sizes: 500 Ltr., 600 Ltr., 800 Ltr, 1000 Ltr.**

**P. O. R.**



**Additional Facilities at an extra cost:—**

(a) Voltage Stabilizer Automatic	6000.00
(b) Inbuilt Data Logger (LED Display) to monitor temperature with PC Communication	36000.00
(c) PLC Based HMI touch coloured screen Panel	95000.00
(d) Thermal/ Dot-Matrix Printer can be attached with PLC based system	20000.00
(e) Control panel as per 21-CFR compliance	100000.00

**PLT-258 STABILITY CHAMBER GMP MODEL COMPLETE S.S. TANCO"**

Same as of PLT-257 but Complete Made of Stainless Steel (304 Grade). Fitted with PLC System.

Item No.	Inner Dimensions (W x D x H)	Capacity	Volume	No. of Shelves	Complete SS GMP
SCG-1	455 x 410 x 610 mm	112 Ltr	4 Cuft	2	295000.00
SCG-2	505 x 415 x 830 mm	171 Ltr.	6.1 Cuft	2	305000.00
SCG-3	570 x 550 x 875 mm	280 Ltr.	10 Cuft	3	385000.00
SCG-4	650 x 580 x 900 mm	340 Ltr.	12 Cuft	3	410000.00
SCG-5	700 x 640 x 900 mm	420 Ltr.	15 Cuft	4	480000.00



**Note: For Bigger Sizes: 500 Ltr., 600 Ltr., 800 Ltr, 1000 Ltr.**

**P. O. R.**

**Additional Facilities at an extra cost:—**

(a) Voltage Stabilizer Automatic	2500.00
(b) Thermal/ Dot-Matrix Printer can be attached with PLC based system	12000.00
(c) Control panel as per 21-CFR compliance	45000.00

**PLT-261 HUMIDITY & TEMP. CONTROL CABINET (REFRIGERATED) "TANCO"**

Triple walled S.Steel (304 grade) Chamber PUFF insulated. Full view inner glass door. Digitally Controlled Temp. range 10°C to 60°C & humidity Range 55% to 90% having accuracy of  $\pm 1^\circ\text{C}$  for Temp. &  $\pm 5\%$  RH with CFC free refrigeration. Complete with shelves. Workable on 220 / 230 volts A.C.

Item No.	Size of inner chamber	S. Steel Chamber	Complete SS
HCR-1	450 X 450 X 700 mm	235000.00	285000.00
HCR-2	600 X 600 X 600 mm	270000.00	325000.00
HCR-3	600 X 600 X 900 mm	325000.00	385000.00

**Additional Facilities at an extra cost:—**

(a) Voltage Stabilizer Automatic	6000.00
(b) Communication Port with interface (RS485) & data cable to download data to PC for temp. complete with convertor	36000.00
(c) PLC System with HMI Panel Coloured screen without Printer	100000.00
(d) Thermal/ Dot-Matrix Printer can be attached with PLC based system	30000.00





**PLT-262 DE-HUMIDIFIER "TANCO"**

**Based on refrigeration cycle having** hermetically sealed compressor for removal of Excess Moisture from Atmosphere. Humidity is brought down to 35% controlled by digital humidity controller fitted with sensor with an accuracy of  $\pm 3\%$  RH.

1 T.R.	120000.00
1.5 T.R.	130000.00



**PLT-262(A) DE-HUMIDIFIER INDUSTRIAL "TANCO"**

**Water-condensing type fitted** with hermetically sealed compressor for removal of Excess Moisture from Atmosphere CFC free. Humidity is brought down to  $30\% \pm 3\%$  RH & **housed in cabinet with castor wheels.**

Item code	Water Removal at Rated Conditions	Recommended (Area in sq Ft.)	GI Powder Coated with Digital Controller	Stainless Steel with Digital Controller
DHV-10	10	30	100000.00	115000.00
DHV-20	20	50	115000.00	120000.00
DHV-30	30	75	125000.00	140000.00
DHV-50	50	100	155000.00	178000.00
DHV-60	60	150	190000.00	220000.00
DHV-90	90	200	225000.00	250000.00
DHV-120	120	300	260000.00	290000.00
DHV-130	130	375	285000.00	325000.00
DHV-180	180	400	410000.00	450000.00
DHV-240	240	600	480000.00	510000.00
DHV-260	260	750	500000.00	540000.00
DHV-360	360	800	620000.00	660000.00
DHV-480	480	900	840000.00	870000.00



**PLT-262(B) HUMIDIFIER (AEROSOL DISINFECTOR) "TANCO"**

Made of **S. Steel** to give humidity up to 95% RH produces only **super fine particles of micron size.**

Tank Capacity	5.0 Liters	12000.00
<b>Additional Facilities at an extra cost:—</b>		
(a) Automatic Timer		3500.00
(b) Humidistat for controlling Humidity		5500.00



**PLT-263 MORTUARY CHAMBERS (Temp. Range up to  $-2^{\circ}\text{C}$  to  $5^{\circ}\text{C}$ ) "TANCO"**

Double Walled SS Chamber Efficient, hygienic equipped with adjustable trays placed on sliding rollers used for **storing cadaverous under cool conditions** in order to **prevent decomposition**. PUFF INSULATED. CFC Free Refrigeration Digitally Controlled. Mounted on castor wheels. Workable on 220 / 230 volts A.C.

Capacity	Outer S.S.	Voltage Stabilizers
Single body	285000.00	8000.00
Two bodies	395000.00	8000.00
Three bodies	505000.00	8500.00
Four bodies	630000.00	9500.00
Six bodies	770000.00	12000.00

**FOR Other Sizes**

**P. O. R.**



### PLT-263 (A) MORTUARY FREEZERS "TANCO"

Same as Mortuary Chamber but **temp. Range up to - 15°C to - 20°C**

Capacity	Outer S.S.	Voltage Stabilizers
Single body	325000.00	8000.00
Two bodies	435000.00	8000.00
Three bodies	545000.00	8500.00
Four bodies	690000.00	9500.00
Six bodies	830000.00	12000.00

**Note: Mortuary Chambers / Freezer for Animals P. O. R.**



### PLT-263 (B) SCRUB STATION (Stainless Steel) "TANCO"

Designed for the convenience to scrub which facilitates the flow of water without opening or closing taps **operated on sensors conveniently placed in front of the scrubbing person.** Workable on 230 volts A.C.

	One Station (2 Ft.)	Two Station (4 Ft.)	Three Station (6 Ft.)
Manual Model	110000.00	145000.00	245000.00
Automatic Model	130000.00	170000.00	275000.00



### PLT-265 (C) GROSSING TABLE "TANCO"

Completely made of SS 304 grade widely used, very convenient for grossing work in Histopathology. Built in U.V. Germicidal Light. Provided with exhaust Duct. Workable on 220 / 230 volts A.C.

Work Area	4' x 3' x 3'	6' x 3' x 3'
Price	380000.00	430000.00



### PLT-266 VACCINE/SEMEN STORAGE CABINET with Digital Controller "TANCO"

Triple walled SS Chamber (304 Grade) provided with Glass Door. PUFF INSULATED, CFC Free Refrigeration. Temp. range **3°C to 6°C** with Alarm Facility having shelves for holding the bags/bottles.

VSC-1	450 x 450 x 900 mm	160000.00
VSC-2	600 x 600 x 900 mm	180000.00

**Additional Facilities at an extra cost:—**

(a) Automatic Voltage Stabilizer	6000.00
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### PLT-270 LAMINAR AIR FLOW BENCH (HORIZONTAL) "TANCO" €

Providing particle free air to (Class 100 conditions) assure 99.97% removal of airborne particles as 0-3 microns in the work area. Horizontal Ultra clean air moves at a velocity of approx. 90; ± 20 feet per minute. **Complete with HEPA Filters, Pre filters, U.V. Tube, Motor Blower, Manometer, Gas Cock, Transparent Acrylic Sheet Front and Side Doors.** Workable on 220 / 230 volts A.C.

Model:	HLF-1	HLF-2	HLF-3	HLF-4
Working Size	2'x2'x2'	3'x2'x2'	4'x2'x2'	6'x2'x2'
Size of HEPA Filter	2'x2'x6"	3'x2'x6"	4'x2'x6"	3'x2'x6"
No. of HEPA Filter	1	1	1	2
Illumination	1 x 20 w	1 x 20 w	2 x 40 w	2 x 40 w
(a) Whole Cabinet made of Board laminated with S.S. Working Table	86000.00	104000.00	115000.00	176000.00
(b) Whole Cabinet made of cold rolled steel duly power coated	115000.00	130000.00	143000.00	215000.00
(c) Whole Cabinet made out of stainless steel (GMP)	150000.00	170000.00	195000.00	290000.00



## Additional Facilities at an extra cost:—

Bench Size	2'x2'x2'	3'x 2'x 2'	4'x 2'x 2'	6'x2'x2'
(a) Spare HEPA Filter	12800.00	14800.00	17600.00	29400.00
(b) ULPA Filter in lieu of HEPA Filter	18000.00	19500.00	20800.00	22500.00
(c) Magnelic gauge (To track filter pressure) in lieu of static pressure manometer.				12000.00
(d) Interlocking of U.V. Germicidal tube & fluorescent light with auto switch off/on mode for motor blower when the door is closed/open.				4800.00
(e) Hour meter totalizer for U.V. light.				3200.00
(f) Can be fitted with micro chip controlled Electronic Digital Indicator to display Air Flow rate fitted <b>with Single Sensor</b>				32000.00
(g) Can be fitted with micro chip controlled Electronic Digital Indicator to display Air Flow rate fitted <b>with Double Sensor</b>				48000.00
(h) Fitted with HMI Panel, DC Drive with Single Sensor				125000.00
(i) Fitted with HMI Panel, DC Drive with Double Sensor				135000.00

## PLT-271 LAMINAR AIR FLOW BENCH (VERTICAL) "TANCO" €€

Providing particle free air to (Class 100 conditions) assure 99.97% removal of airborne particles as 0-3 microns in the work area. Vertical Ultra clean air moves at a velocity of approx. 90; ± 20 feet per minute. **Complete with HEPA Filters, Pre filters, U.V. Tube, Motor Blower, Manometer, Gas Cock, Transparent Acrylic Sheet Front and Side Doors with stand.** Workable on 220 / 230 volts A.C.

Model:	VLF-1	VLF-2	VLF-3	VLF-4
Working Size	2'x2'x2'	3'x2'x2'	4'x2'x2'	6'x2'x2'
Size of HEPA Filter	2'x2'x6"	3'x2'x6"	4'x2'x6"	3'x2'x6"
No. of HEPA Filter	1	1	1	2
Illumination	1 x 20 w	1 x 20 w	2 x 40 w	2 x 40 w
(a) Whole Cabinet made of Board laminated with S.S. Working Table	94000.00	112000.00	125000.00	196000.00
(b) Whole Cabinet made of cold rolled steel duly power coated	120000.00	138000.00	152000.00	225000.00
(c) Whole Cabinet made out of stainless steel (GMP)	160000.00	180000.00	205000.00	310000.00

## Additional Facilities at an extra cost:—

Bench Size	2'x2'x2'	3'x 2'x 2'	4'x 2'x 2'	6'x2'x2'
(a) Spare HEPA Filter	12800.00	14800.00	17600.00	29400.00
(b) ULPA Filter in lieu of HEPA Filter	18000.00	19500.00	20800.00	22500.00
(c) Magnelic gauge (To track filter pressure) in lieu of static pressure manometer.				12000.00
(d) Interlocking of U.V. Germicidal tube & fluorescent light with auto switch off/on mode for motor blower when the door is closed/open.				4800.00
(e) Hour meter totalizer for U.V. light.				3200.00
(f) Can be fitted with micro chip controlled Electronic Digital Indicator to display Air Flow rate fitted <b>with Single Sensor</b>				32000.00
(g) Can be fitted with micro chip controlled Electronic Digital Indicator to display Air Flow rate fitted <b>with Double Sensor</b>				48000.00
(h) Fitted with HMI Panel, DC Drive with Single Sensor				125000.00
(i) Fitted with HMI Panel, DC Drive with Double Sensor				135000.00



**PLT-271 (B) PCR HOOD "TANCO"**

Used to prepare reagents under clean conditions to avoid contamination with DNA, Exterior made of stainless steel or powder-coated GI/MS sheet & Interior stable formed stainless steel fitted with transparent side panels to absorb wavelengths below 400 nm having Overhead UV light for DNA decontamination; two lamps, 25 W each. Provided with separate switch for UV air-sterilizing circulation unit, overhead white light of at least 800 lux. Fitted with Timer and key lock for UV lamp; supplied with two plug outlets built into the chamber; workable on 230 ± 10 V, AC, 50/60 Hz.

Interior working area (W × D):	600 mm × 500 mm	750 X 500 MM
(a) Whole Cabinet made of cold rolled steel duly power coated	108000.00	125000.00
(b) Whole Cabinet made out of SS (GMP)	144000.00	160000.00



**PLT-272(C) CLEAN AIR AC MODULE (Supplied without A.C.) "TANCO"**

Can be fitted with existing AC to give conditioned clean air equivalent to class 100, Made of MS powder coated/SS (304 Grade), **Complete with blowers, pre-filters, HEPA filters** and front Zalli. Workable on 220 / 230 volts A.C.

Item No.	Capacity in cfm	Made of MS Powder Coated	Made of SS (304 Grade)
CAC-1	Capacity 500 cfm	80000.00	90000.00
CAC-2	Capacity 1000 cfm	125000.00	150000.00



**PLT-272 (D) CLEAN AIR GARMENT CABINET "TANCO"**

The application of Garment Cabinet is for storing the sterile aprons. The unit is used to avoid the dust contaminations as well as the bacterial growth. Made of MS/SS 304 / SS 316 with two stage filtrations FINE Filter (efficiency 95% down to 5 micron) HEPA Filter – Supply (99.999% down to 0.3 micron).

Self standing type with down flow clean air equipped with a dynamic balanced blower and a HEPA filter in a contained enclosure constructed of powder-coated steel sheets / SS for storing clean room garments. Workable on 230 volts A.C.

Item No.	CAG-1	CAG-2
Working Size	3' x 2' x 5'	4' x 2' x 5'
Size of HEPA Filter	3' x 2' x 6"	4' x 2' x 6"
No. of HEPA Filter	1	1
No. of Pre-Filter	2	2
Made of MS Powder Coated	205000.00	240000.00
Made of SS (304 Grade)	240000.00	290000.00
For SS (316 Grade)	P. O. R.	P. O. R.

**Additional Facilities at an extra cost:**

(a) Megnallic Gauge	9500.00
(b) Built in U.V. Germicidal Light	4800.00
(c) UV Timer (Hour Meter).	6800.00



**PLT-272 (F) TISSUE CULTURE HOOD/ INOCULATION CHAMBER "TANCO"**

With plexi glass folding windows having glove ports and gauntlets **provided with one fluorescent tube and one Ultra Violet tube**. Workable on 220 / 230 volts A.C.

Item No.	Size	Wooden with Mica	MS Powder Coated	Stainless Steel (304)
TCH-1	24" x 24" x 24"	58000.00	82000.00	97000.00
TCH -2	20" x 20" x 25"	50000.00	75000.00	82000.00



**PLT-272 (H) FUME HOOD "TANCO"**

With built in exhaust system in MS / SS cabinet with Inner epoxy painted with working table top fitted with acid/alkali resistant tile and SS Sink. Front door moves up and down with counter balanced weight. Fitted with fluorescent light and a gas cock for gas/air supply. Workable on 220 / 230 volts A.C.

Internal Dimensions	2'x2'x2'	3'x2'x2'	4'x2'x2'	6'x2'x2'
(i) Whole Cabinet made of cold Rolled steel duly power coated	190000.00	225000.00	275000.00	370000.00
(ii) Whole Cabinet made out of stainless steel (GMP)	260000.00	295000.00	320000.00	485000.00
<b>Additional Facilities at an extra cost:</b>				
PVC Fume Duct per running feet	1800.00	1800.00	1800.00	1800.00
Storage Compartments	20000.00	20000.00	23000.00	32000.00
SS lining on Working Walls	15000.00	18000.00	20000.00	26000.00
FRP Lining on working Walls	15000.00	18000.00	22000.00	26000.00
For Motorised / Auto Lifting of Door				38000.00

**Note: For Table Top Fume hoods & Complete made of SS.**

**P.O.R**



**PLT-272 (I) TISSUE CULTURE RACK with Timer "TANCO"**

Made of tubular pipes with rack of 48" x 21" size covered with Plexiglass / GI Sheet (Powder Coated). With 15" distance. Fitted with four 40-watt light, 4 x 25 Watt lamps in each shelf with 0-24hrs photoperiodic timer. Mounted on castor wheels. Workable on 220 / 230 volts A.C.

No. of Shelves	4	5	6
Lighting Facility in Shelves	3	4	5
Total No. of fluorescent tube	12	16	20
Total No. of Incandescent Lamps	12	16	20
MS Powder Coated	65000.00	72000.00	84000.00
Stainless Steel	100000.00	84000.00	130000.00



**PLT-273 PASS BOX STATIC CLASS 100 "TANCO"**

Installed between the Clean Room and other adjoining room with **electrically inter locked type doors.**

Size	18" x 18"	24" x 24"	24" x 24" x 36"
MS Powder Coated	62000.00	75000.00	95000.00
Stainless Steel	75000.00	82000.00	130000.00

**Additional Facilities at an extra cost:**

(a) Megnallic Gauge	12000.00
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**Note: For Special Sizes of Pass Boxes**

**P. O. R.**



**PLT-273 (A) PASS BOX DYNAMIC CLASS 100 "TANCO"**

Installed between the Clean Room and other adjoining room with **electrically inter locked type doors.** Complete with HEPA filters & Motor Blower Assembly. Workable on 220/230 Volts AC Supply.

Size	18" x 18"	24" x 24"	24" x 24" x 36"
MS Powder Coated	95000.00	135000.00	158000.00
Stainless Steel	110000.00	155000.00	175000.00

**Additional Facilities at an extra cost:**

(a) Megnallic Gauge	12000.00
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**Note: For Special Sizes of Pass Boxes**

**P. O. R.**





**PLT-274 AIR CURTAIN "TANCO"**

Available in HIGH VELOCITY MODELS (Approx. 10'-12' Height. 23-25 mt./Second). Workable on 220 / 230 volts A.C.

Item No.	Air Curtain Size	GI / MS Powder Coated
ACM-1	2'. 6" wide	42000.00
ACM-2	3' wide	44000.00
ACM-3	3'. 6" wide	47000.00
ACM-4	4' wide	49000.00
ACM-5	4'. 6" wide	71000.00
ACM-6	5' wide	75000.00
ACM-7	5'.5" wide	74000.00
ACM-8	6' wide	76000.00
ACM-9	7' wide	77000.00

**Note: For Complete Stainless Steel Models**

**P. O. R.**

**Additional Facilities at an extra cost:—**

(a) Door operated limit switch	5000.00
(b) Magnetic Sensor	5500.00

**PLT-275 BIOSAFE BIOLOGICAL SAFETY CABINET (with 70% re-circulation of air through HEPA filter & 30% Exhaust) CLASS II (Type A2) "TANCO"**

Suitable for CLASS 100 conditions. Fitted with Virus Burn out, Unit Front door & Slide panels are made of plexi glass. The efficiency of HEPA Filter is greater than 99.97% down to 0.3 micron fitted with Motor-Blower. **Complete with HEPA Filters, Pre filters, Fluorescent Tube, U.V. Tube, Motor Blower, Transparent Acrylic Sheet Front and Side Doors with 5/15 amp socket.** Workable on 220 / 230 volts A.C.

Model	BSC-1	BSC-2	BSC-3	BSC-4
Working area	2'x2'x2'	3'x 2'x 2'	4'x 2'x 2'	6'x2'x 2'
Size of HEPA	2'x2'x 6"	3'x 2'x 6"	4'x 2'x 6"	6'x2'x 6"
(a) Whole Cabinet made of cold rolled steel duly power coated	195000.00	210000.00	225000.00	400000.00
(b) Whole Cabinet made out of SS (GMP)	220000.00	230000.00	250000.00	440000.00

**Additional Facilities at an extra cost:—**

(a) Static Pressure Manometer	2200.00	2200.00	2200.00	2200.00
(b) ULPA Filter in lieu of HEPA Filter	18000.00	19500.00	20800.00	22500.00
(c) Exhaust Ducting per running Ft.	2000.00	2000.00	2000.00	2000.00
(d) HEPA Filtration at exhaust	6400.00	6400.00	6400.00	6400.00
(e) Virus burn out at Exhaust	4800.00	4800.00	4800.00	4800.00





(f) Heavy Duty Exhaust System for long ducting By ½ HP Motor	32000.00	32000.00	32000.00	32000.00
(g) Gas Burner	2500.00	2500.00	2500.00	2500.00
(h) Megnalic pressure differential gauge (to track filter pressure in lieu of static pressure manometer).				12000.00
(i) Interlocking of U.V. germicidal tube & fluorescent light with auto switch off/on mode for motor blower when the door is closed/open.				4800.00
(j) Hour meter totalizer for U.V. light				3200.00
(k) Fitted with HMI Panel, DC Drive <b>with Single Sensor</b>				125000.00
(l) Fitted with HMI Panel, DC Drive <b>with Double Sensor</b>				135000.00
(m) For Motorised / Auto Lifting of Door				P.O.R.

**PLT-275 (A) BIOSAFE BIOLOGICAL SAFETY CABINET (100% Exhaust of Air)  
CLASS – II (Type B2) "TANCO"**

Suitable for CLASS 100 conditions. Fitted with Virus Burn out Unit Front door & Slide panels are made of plexi glass. The efficiency of HEPA Filter is greater than 99.97% down to 0.3 micron fitted with Motor-Blower. **Complete with HEPA Filters, Pre filters, Fluorescent Tube, U.V. Tube, Motor Blower, Transparent Acrylic Sheet Front and Side Doors with 5/15 amp socket.** Workable on 220 / 230 volts A.C.

Model	BSC-11	BSC-21	BSC-31	BSC-41
Working area	2'x2'x2'	3'x 2'x 2'	4'x 2'x 2'	6'x2'x 2'
Size of HEPA	2'x2'x 6"	3'x 2'x 6"	4'x 2'x 6"	6'x2'x 6"
(a) Whole Cabinet made of cold rolled steel duly power coated	320000.00	345000.00	370000.00	520000.00
(b) Whole Cabinet made out of SS (GMP)	340000.00	370000.00	400000.00	580000.00

**Additional Facilities at an extra cost:—**

(a) Static Pressure Manometer	2200.00	2200.00	2200.00	2200.00
(b) ULPA Filter in lieu of HEPA Filter	18000.00	19500.00	20800.00	22500.00
(c) Exhaust Ducting per running Ft.	2000.00	2000.00	2000.00	2000.00
(d) HEPA Filtration at exhaust	6400.00	6400.00	6400.00	6400.00
(e) Virus burn out at Exhaust	4800.00	4800.00	4800.00	4800.00
(f) Heavy Duty Exhaust System for long ducting By ½ HP Motor	32000.00	32000.00	32000.00	32000.00
(g) Gas Burner	2500.00	2500.00	2500.00	2500.00
(h) Megnalic pressure differential gauge (to track filter pressure in lieu of static pressure manometer).				12000.00
(i) Interlocking of U.V. germicidal tube & fluorescent light with auto switch off/on mode for motor blower when the door is closed/open.				4800.00
(j) Hour meter totalizer for U.V. light				3200.00
(k) Fitted with HMI Panel, DC Drive <b>with Single Sensor</b>				125000.00
(l) Fitted with HMI Panel, DC Drive <b>with Double Sensor</b>				135000.00
(m) For Motorised / Auto Lifting of Door				P.O.R.



**PLT-275(B) BIOSAFE BIOLOGICAL SAFETY CABINET (100% Exhaust of Air)  
CLASS – III WITH GLOVE PORT ARRANGEMENT “TANCO”**

Suitable for CLASS 100 conditions. Fitted with Virus Burn out Unit Front door & Slide panels are made of plexi glass. The efficiency of HEPA Filter is greater than 99.97% down to 0.3 micron fitted with Motor-Blower. **Complete with HEPA Filters, Pre filters, Fluorescent Tube, U.V. Tube, Motor Blower, Transparent Acrylic Sheet Front and Side Doors with 5/15 amp socket.** Workable on 220 / 230 volts A.C.

Model	BSC-11	BSC-21	BSC-31	BSC-41
Working area	2'x2'x2'	3'x 2'x 2'	4'x 2'x 2'	6'x2'x 2'
Size of HEPA	2'x2'x 6"	3'x 2'x 6"	4'x 2'x 6"	6'x2'x 6"
(a) Whole Cabinet made of cold rolled steel duly power coated	345000.00	370000.00	400000.00	560000.00
(b) Whole Cabinet made out of SS (GMP)	370000.00	400000.00	440000.00	620000.00

**Additional Facilities at an extra cost:—**

(a) Static Pressure Manometer	2200.00	2200.00	2200.00	2200.00
(b) ULPA Filter in lieu of HEPA Filter	18000.00	19500.00	20800.00	22500.00
(c) Exhaust Ducting per running Ft.	2000.00	2000.00	2000.00	2000.00
(d) HEPA Filtration at exhaust	6400.00	6400.00	6400.00	6400.00
(e) Virus burn out at Exhaust	4800.00	4800.00	4800.00	4800.00
(f) Heavy Duty Exhaust System for long ducting By ½ HP Motor	32000.00	32000.00	32000.00	32000.00
(g) Gas Burner	2500.00	2500.00	2500.00	2500.00
(h) Megnalic pressure differential gauge (to track filter pressure in lieu of static pressure manometer).				12000.00
(i) Interlocking of U.V. germicidal tube & fluorescent light with auto switch off/on mode for motor blower when the door is closed/open.				4800.00
(j) Hour meter totalizer for U.V. light				3200.00
(k) Fitted with HMI Panel, DC Drive <b>with Single Sensor</b>				125000.00
(l) Fitted with HMI Panel, DC Drive <b>with Double Sensor</b>				135000.00
(m) For Motorised / Auto Lifting of Door				P.O.R.

**PLT – 275(C) SAMPLING/DISPENSING BOOTH – RALF UNIT “TANCO”**

The unit eliminates powder contamination to protect the operator and the surrounding environment. It is designed to handle powder under aseptic conditions. Made of SS-304 / SS-316 with Inside Side panel with all three side with covering. Fitted with Statically & Dynamically balanced Motor-blower with Fluorescent Lights with Milky White Diffuser & ON/OFF switch (BL/FL/UV) with no cross contamination & no risk of inhalation of powders.

Unit is having three stage filtration with vertical air flow having Air cleanliness: ISO Class 5 / Class 100 & Air Velocity (90 Å± 20 FPM). Fitted with Pre-filters (90% down to 10 micron), Intermediate Filter (95% down to 3 micron) & HEPA Filter – Supply Exhaust (99.999% down to 0.3 micron). Complete with Differential Pressure Gauges: 02 Nos. Workable on 220/230 Volts AC Supply.

Item No.	Hepa Area in MM	Working Area in MM	Made of SS (304 Grade)
RALF-1	610 x 610	610 x 610 x 1830	360000.00
RALF-2	915 x 610	915 x 610 x 1830	460000.00
RALF-3	1220 x 610	1220 x 610 x 1830	500000.00
RALF-4	1220 x 1220	1220 x 1220 x 1830	560000.00
RALF-5	1830 x 1220	1830 x 1220 x 1830	750000.00



**Note: For Made of SS 316 Grade**

**P. O. R.**

**Optional Accessories at an Extra Cost:-**

(a) LED Lights	1900.00
(b) SS Perforated Safety Grill for HEPA Filter	P. O. R.
(c) Front Anti-Static PVC Curtains	P. O. R.

## **PLT – 275(D) HANGING/CEILING LAMINAR FLOW (VERTICAL) CLASS 100 “TANCO”**

This air flow unit is made of SS 304/316 grade with premium quality PVC strip with Low Noise Level & minimum vibration. For the protection for sterile packing / Filling machine in the pharmaceutical industries. Used where bacteria and particle can have a destructive effect on product. Complete with Statically & Dynamically balanced Motor blower, Differential Pressure Gauges, (HEPA Filter) & ON/OFF Switches (BL / FL). The unit is supplied either to be mounted in the ceiling 4 adjustable chains or with legs.

**Having 2 stage filtration** - Intermediate Filter (95% down to 3 micron) & - HEPA Filter - Supply / Exhaust (99.999% down to 0.3 micron). With air velocity of (90 A ± 20 FPM). Workable on 220 volts AC supply.

**Available as per requirement**

**P. O. R.**



## **PLT – 275(E) AIR SHOWER “TANCO”**

Designed to supply Class 100 HEPA filtered air at high velocity it helps remove particulate matter from the personnel entering into the clean room. Available in powder coated mild steel / SS 304.

Fitted with Dynamically balanced motor, LED Lights with milky white diffuser 5/15 Amp switch socket for external equipment SS 304 & Aluminum (Anodized) Air Nozzle Electromagnetic Inter locking system to ensure that both the doors cannot open at the same time & to ensure that both the doors stay locked during the time of air flow SS 304 Sandwiched doors with toughened glass view panel with proper gasketing with low noise level.

Having two stage filtration Fine Filter – (efficiency 95% down to 5 micron) & HEPA Filter Supply (99.999%) down to 0.3 micron). Workable on 220/230 Volts AC Supply.

**Available Sizes:**

(a) Whole Cabinet made of MS Powder Coated (Size:- 3' × 3' × 6')	450000.00
(b) Whole Cabinet made of SS – 304 (Size:- 3' × 3' × 6')	550000.00

**For Other Sizes**

**P.O.R.**



## **PLT-276 MELTING POINT APPARATUS “TANCO”**

Alu.block accepting 3 capillary and a thermometer, max. temp. up to 350°C with E.R.

4800.00

—Do— but Deluxe Model with digital display of temperature.

24000.00



## **PLT-276(A) MELTING POINT APPARATUS MICROPROCESSOR BASED “TANCO”**

Suitable for Melting / Boiling Point, Readability in 1°C, Programmable, Visual provision by Optical Magnifier, Automatic Ramp Rate Proceeding, Auto Gradient Rate of Heating Control. Melting View : Magnifying display of melting operation with the help of magnifying glass, Melting point reading hold on by activating the “MELT” key & reading is protected from power failure till “RESET” is not activated. Visualization Technique, Suitable for Dark Colored / any colored samples. Temp. Range: Ambient to 350°C, Display: 3 Digits, Resolution: 1°C, Temp. Sensor: Grade “A” PT-100, Platinum Sensor, Sample Capacity: 3-4 Samples, Oven/Furnace Control: Microprocessor controlled closed loop PID, Ramp Rates, Auto Adjustable 2°C to 10°C/minute (through selection, Low-Auto-High). Workable on: 230 V ± 10% AC, 50 Hz.

40000.00



**PLT-277 TABLET HARDNESS TESTER (MONSANTO -TYPE) "TANCO"**

To measure the hardness of tablets made of brass to read 0 to 20 kg, in one kg division.

5000.00



**PLT-277 (A) TABLET HARDNESS TESTER (PFIZER TYPE) "TANCO"**

**Direct dial reading type** tablet hardness tester, working as plairs, for accurate results.

12000.00



**PLT-278 DISSOLUTION RATE TEST EQUIPMENT "TANCO"**

For determination of dissolution test of tablets at at 37°C throughout test. Complete with flanged glass vessel & speed controlled stirring shaft with **Digital RPM Meter** (Single Test). Workable on 220 / 230 volts A.C.

42000.00

—Do— with Digital R.P.M. Meter (Three Test)

138000.00

—Do— with Digital R.P.M. Meter (Six Test) with Motorized Lifting

200000.00

—Do— with Digital R.P.M. Meter (Eight Test) with Motorized Lifting

260000.00



**PLT- 279 FRIABILITY TEST APPARATUS "TANCO"**

Complete with rotating drum (single) made of Acrylic sheet at specified RPM **with timer**.

33000.00

—Do— Double Drum

39000.00

—Do— Digital R.P.M. Counter Single Drum

49000.00

—Do— Digital R.P.M. Counter Double Drum

54000.00



**PLT- 280 TABLET DISINTEGRATION MACHINE (D.T.) "TANCO"**

With specially designed Basket to hold 6 Nos. of Tablets/Capsules under specified weight, moving vertically in temperature controlled glass Vessels. Workable on 220 / 230 volts A.C.

33000.00

—Do— Double Basket

39000.00

—Do— Four Basket

72000.00

**Additional Facilities at an extra cost:—**

Digital time totalizer (9 hrs, 59 min, 59 sec)

6000.00



**PLT-284 BULK DENSITY APPTS. (DENSITOMETER) "TANCO"**

Designed to study the packing down of powder beds **with Digital Counter, w/o cylinder**.

45000.00



**PLT-285 POLARIMETER "TANCO"**

For precise testing of sugar solutions— can accommodate 220 mm tubes, **Rotating half shadow with an accuracy of 0.20 and 0.05 I.S.S. by estimation**. Complete **with sodium vapor lamp Assembly**.

60000.00



**PLT-288 ABBE REFRACTOMETER "TANCO"**

For measuring **refractive index 1.3 to 1.7 range 0 to 95% and accuracy 1% by estimation**.

24000.00



**PLT-295 INFRA RED MOISTURE BALANCE "TANCO"**

To Check the moisture in % <b>with accuracy of 0.2% by direct reading and 0.1 % by estimation.</b>	25000.00
---Do--- with Automatic Timer 0 to 60 minutes	28000.00



**PLT-297 ULTRA VIOLET LAMP (BOX TYPE COMBINED SHORT & LONG WAVE) "TANCO"**

Portable dark room with <b>Ultra Violet radiation for long wave is controlled around 3600 A.U. and for short wave around 2500 A.U.</b> Workable on 220 / 230 volts A.C.	10000.00
—do— Fitted with Additional fluorescent tube	11000.00



**PLT-300 BOMB COLORIMETER with Digital Beckman Thermometer "TANCO"**

For determination of calorific values of Coal, solid and liquid fuels supplied with tested bomb (SS) of 300ml cap. (Approx.) & other accessories. Workable on 220 / 230 volts A.C.	115000.00
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**PLT-302 FREEZE DRIER (LYPHOLIZER) "TANCO"**

Used for pro-reservation of biological samples without damaging their cellular structure. Complete with lid, cooling condenser, Vacuum Drum, sample pots Vacuum pump. **Temp. up to -40°C with Electronic Digital Vacuum Indicator cum controller.** Drying Chamber made of SS with **Vacuum Drum has 6 or 12 port manifold.** Workable on 220 /230 volts A.C.

(a) Chamber Cap. 3.25 Ltrs approx for 6 tests (with Digital Vacuum Indicator & Transducer)	630000.00
(b) Chamber Cap. 5.25 Ltrs approx for 6 tests (with Digital Vacuum Indicator & Transducer)	700000.00

**Optional Facilities at an Extra Cost:**

(a) Secondary Drying Attachment with manifold	125000.00
(b) Centrifugal Attachment for 25/50 Ampoules	120000.00
(c) Vials Stoppering System	90000.00
(d) Heat Rack with 2/3 individually heated racks for accelerated freeze-drying of small samples In bulk (ray, Petri Dishes, and Beakers etc.). Adoptable to main drying chamber.	40000.00
(e) Vacuum Pump (Option) 100 liters/ min direct motor drive rotary vane type vacuum pump of double stage with Air ballast having ultimate vacuum of $1 \times 10^{-3}$ torr on pump head	80000.00

**NOTE: For Table Top Lyophilizers** **P.O.R**



**PLT-304 JET-FOGGER machines for fumigation of O.T., ICU, Lab. "TANCO"**

For generating ultra fine & non-wetting aerosols in sub-micron size & can be spared or reach of to 40ft. distance or up to 9000 cu. ft. area Workable on on 220 Volts AC.	45000.00
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**EE- 011 pH METER (LAB. MODEL) DIGITAL "TANCO" €**

Display 3½ digit LED Resolution 0.01 pH to 14 pH, 0 to $\pm 2000$ mv, Accuracy 0.01 pH & $\pm 1$ mv, supplied with combined electrode. Workable on 220 / 230 volts A.C.	9500.00
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**EE- 012 pH METER (LAB. MODEL) DIGITAL WITH A.T.C. "TANCO" €**

With Automatic Temperature Compensation Facility and ATC probe & pH Electrode	11500.00
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**EE- 014 CONDUCTIVITY METER DIGITAL "TANCO" €€**

Display 3½ digit L.E.D. 5 ranges conductance 0 to 200 mmho, 2 mmho, 20 mmho, 200 mmho, 1000 mmho, accuracy 0.5% of range with conductivity cell. Workable on 220 / 230 volts A.C.

12600.00



**EE- 015 POTENTIOMETER MICROPROCESSOR BASED "TANCO" €€**

Display LED 4 Digit, For Redox-Potential Measurement, Range 0 to ± 1999 mV, Resolution 1 mV, Accuracy ± 1 mV ± 1 Digit, Soft Touch Key Operation, Supplied with ORP (Platinum Combined) Electrode, Electrode Stand, Dust Cover & Manual. Workable on: 12V/500mA External Adopter.

15000.00



**EE- 016 CONDUCTIVITY & T.D.S. METER COMBINED DIGITAL "TANCO" with Cell**

18500.00



**EE- 016(A) SOIL THERMOMETER PORTABLE DIGITAL WITH PROBES "TANCO" €€**

Battery operated with 3½ digits display. Temp. range 0°C to 50°C ± 0.1°C with 30cm probe

18000.00

**Optional Accessories:**

Length of probe	10 cm	30 cm	50 cm	100cm
	2700.00	2900.00	3400.00	4800.00



**EE- 017 WATER/SOIL TESTING KIT DIGITAL "TANCO" €€**

Portable kit with LCD display for measuring pH cond., TDS, ORP, temp. & dissolved oxygen, complete with electrode, sensors & membranes. Fitted in brief case.

33000.00



**EE-018 MICROPROCESSOR WATER & SOIL ANALYSIS KIT "TANCO"**

Measurement of pH, Conductivity, ORP, TDS, Salinity, DO & Temperature. 16 x 2 Line bold alphanumeric LCD display, battery cum mains operated with all accessories, fitted in brief case. Data storage facility up to 1000 samples & external printer attachment facility available.

110000.00

**Optional at an Extra Cost:-**

PC connecting software using USB interface	10000.00
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**EE- 019 D.O. METER DIGITAL "TANCO" €€**

Range 0 to 20ppm, accuracy 0.2 ppm ± 1 digit, with sensor, membranes & probe at 220 V.

19500.00



**EE-020 T.D.S. METER DIGITAL "TANCO" €€**

3½ Digit LED display 5 ranges, 0-1000 ppt Mhos/cm. with TDS cell at 220 Volts A.C.

12500.00



**EE-023 PORTABLE TEMPERATURE INDICATOR DIGITAL "TANCO"**

Temp. Range 0-1200°C Resolution 0.1°C accuracy ± 0.5% Battery operated complete with sensor. Available in 3 models 0-200°C, 0 to 600°C, 0-1200°C.

5000.00



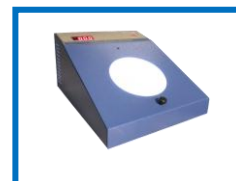
**EE-024 COLONY COUNTER (ELECTRONIC- DIGITAL) "TANCO" €€**

With pen for counting retransfer at digital panel, re-settable counter in 1 increments for total colony count with reset facility, counting plate 100 mm dia workable on 220 / 230 volts A.C.

With three Digit Display 0-999

7200.00

With four Digit Display 0-9999





**EE-027 NEPHELOMETER (TURBIDITY METER) DIGITAL "TANCO"**

Display 3½ digit LED display. Range 0 to 200 JTU; 0 to 1000 JTU; 2 Ranges. Accuracy  $\pm 3\%$  FS  $\pm$  digit. Tungsten Lamp. Supplied with glass test tubes. Workable on 220 / 230 volts A.C.

19500.00

—do— same as above but with: Range 0 to 20.00NTU; 0 TO 200 NTU; 2 Ranges, Accuracy Is  $\pm 2\%$  FS  $\pm 1$  digit.

20500.00



**EE-028 DIGITAL PHOTO ELECTRIC COLORIMETER EIGHT FILTER "TANCO" €€**

Sample size 1 ml with digital display in % Transmission and Absorbance. Having glass filters ranging from 400 to 680 nm Wave Length, Photocell Detector. Workable on 220 volts A.C.

8800.00



**EE-028(A) DIGITAL PHOTO ELECTRIC COLORIMETER MICROPROCESSOR BASED "TANCO" €€**

Auto Zero, Min. Sample Volume: 1 ml, Easy to operate for colorimetric analysis of any concentration. The output is displayed in terms of % Transmission (%T), Absorbance (Abs.), Concentration (Conc.) and "K" Factor. With Conc., K Factor & Standard Measurement, 3 Digit LED, 400-700 nm, 8 Filter, Abs. (OD): 0 to 1.99, %T : 0-100, Conc. : 1.0-999, "K" Factor : 1.0-999, 0.01 Abs, 0.1% T, 0.5 % FSI, 3 Keys Soft Touch, Up to 100 Samples, 3.5 V, 100mA. With Highly Sensitive Silicon Photodiode, Supplied with Test Tube : A Set of 5, Workable on 230 V AC  $\pm 10\%$ , 50 Hz.

(a) Without Battery

16500.00

(b) With Battery

18500.00



**EE-028(B) HEMOGLOBIN METER LAB MODEL MICROPROCESSOR BASED "TANCO" €€**

Auto Zero, 3 digit LED Display, Measuring method: Cyanmethemoglobin, Measuring range: 0-30 gm/dl of Hb, Dilution ratio: 1:25, 3 Keys Soft Touch, Wave length : 546 nm, Calibration : Automatic, Detector : Highly Sensitive Silicon Photodiode, Sample Volume : 1 ml, Supplied with Test Tube: 5,. Workable on : 230 V AC  $\pm 10\%$ , 50 Hz.

16500.00



**EE-029 DIGITAL SOIL MOISTURE METER "TANCO"**

3 ½ Digit LED display to Indicate instant Display of 0% to 100% available moisture with an accuracy of  $\pm 1\%$ . Supplied with SS electrodes for better accuracy.

16000.00



**EE-033 DIGITAL FLAME PHOTOMETER (2F) "TANCO"**

With filters Sodium (Na) & Potassium (K) 2½ digit LED display (ppm) along with compressor and other accessories.

66000.00

**Optional at an Extra Cost:-**

**Additional Filters Calcium (Ca), Lithium (Li)**

7500.00



**EE-033(A) MICROPROCESSOR BASED FLAME PHOTOMETER (2F) "TANCO"**

Sensitivity: General Na : 0.5 ppm, K : 0.5 ppm, Li : 0.5 ppm, Ca : 15 ppm, Filters: Na & K, Ca & Li (Optional if Ordered), Resolution: 0.1 ppm/meq, Reproducibility: <1% coefficient of variation for 20 consecutive samples using 10 ppm, Na set as maximum standard, Curve Fit Accuracy: <2% error when 3ppm Na/K and 5ppm Li, set as max. Standard, Display: 128 x 64 Graphical LCD, Average Time: In built Software, Flame System: LPG and Dry Oil free Air, Detector: Highly Sensitive Silicon Photo Diode, Calibration: Up to 5 point calibration with curve fitting Software, Gas Control: Adjustable with knob, Flame Failure: Auto Detection, Gas Cut Off: Gas feeding, auto cut off in case of Power Failure, Ignition System: Auto Ignition, Printer: Provision for attachment of Dot Matrix



Printer, RS-232: Provision for Data Transfer to PC, Supplied with Oil free compressor unit LPG controlled, Na & K Filter: 1 Nos. Each, Factory fitted, Chimney: 1 Nos., Air & Gas Tubing: 1 Set, Capillary Tubes: 3 Nos., RS-232 Cable: 1 Nos. (Optional : if Printer Interface is required), Mains Lead: 1 Nos. & Operation Manual. Power : 230 V  $\pm$  10%, 50 Hz AC. 128000.00

**Optional at an Extra Cost:-**

**Additional Filters Calcium (Ca), Lithium (Li)** 9500.00

## EE-034 MOISTURE ANALYZER WITH HALOGEN HEATING SYSTEM "TANCO"

Touch Screen Display complete with loadcell sensor & having Time & Temperature setting. Capacity: 110 gm, Heatng Temperature Range: 130 deg C, Dry Range: 100.00-0.00%, Readability: 0.001 g, Pan Size: 90 mm, Calibration: Automatic External, Workable on AC Adaptor 220V, 50 Hz. 125000.00



## GENERAL EQUIPMENTS

### GE- 01 ANTIBIOTIC ZONE READER (Prism type) "TANCO"

To measure the diameter of the **inhibited zone to 0.1 mm with in the range of 0 to 35 mm.** supplied with glass prism mounted at the front of the unit Workable on 220 / 230 volts A.C. 28000.00



### GE- 02 DIGITAL ANTIBIOTIC ZONE READER "TANCO"

Scale Range: 0 to 80 mm, Least Count: 0.1 mm with Facility to null the initial readings. 48000.00



### GE-03 ANAEROBIC CULTURE JAR (Polycarbonate) "TANCO"

Transparent Jar of 3.5 lit. cap. with Pressure, Vacuum, Safety valve & Pressure cum vaccum gauge, clamp & sealing ring. Supplied with, Petri Plate Carrier & Test Tube Carrier. 28000.00



### GE- 04 DEMINERALISER (DM PLANT) "TANCO"

Consisting of high exchanging capacity Cation and Anion columns fitted with **Digital conductivity meter** yields chemically pure water with conductivity of less than 10 micro siemens/ cm and Ph of 7.5 to 9 Ph.

Item No.	Max. Output /Hr In Ltrs.	
TM- 50	50	37000.00
TM- 100	100	42000.00
TM- 200	200	60000.00



### GE- 05 STERILITY TEST UNIT / FILTER HOLDER S.S. "TANCO"

These Vacuum filter holders are most commonly used for sterility test. Can hold filter of 47mm Die having funnel capacity of 300ml. Supplied with Glass Filtering Flask

Filter Holder S.S. (vacuum type) supplied w/o filters & With 1 Ltr Flask	10000.00
—DO— 3 holders supplied w/o filters & With 2 Ltr. Flask	98000.00
—DO— 6 holders supplied w/o filters & With 2 Ltr. Flask	200000.00



**GE- 07 MEMBRANE FILTRATION ASSEMBLY (GLASS) "TANCO"**

Filter Funnel Glass with Aluminium Clamp, Neoprene cover and Cork Capacity- 300ml, Membrane Filter C. N. 47 mm/0.45 µm pack of 100, Vacuum Flask one litre, Vacuum pump diaphragm type-oil free & Flexible Silicon Tubing 1 mtr.

30000.00

—DO— with Three Place

90000.00



**GE- 010 TEST SIEVES "TANCO"**

**Diameter 200 mm frame made from Spun Brass / S.S. 304 with Stainless steel sieve clothes.**

B.S.S.	Brass Mesh	Stainless Steel Mesh
4 -100	1500.00	1900.00
120-170	1600.00	2000.00
200-240	1800.00	2300.00
300-350	2000.00	2500.00
400	2400.00	2900.00
500	3000.00	3500.00
LID & PAN 20 Cms.	1500.00	1900.00



**GE-011 ULTRA SONIC CLEANER "TANCO"**

User friendly with High-performance transducers. Using 40 khz frequency for effective cleaning with low noise. Heating: ambient to 80°C digitally controlled. Inner Tank & Outer body made of Stainless Steel. LED display fitted with timer (5 to 60 Minutes), Ceramic heaters provides improved heating effect Drainage and cool fan available in 6L to 25L, Overheat protector, Cooling fan, Moisture-proof PCB. Workable on 220/230 Volts AC Supply.

**Available Capacities:—**

Item No.	Capacity	Wattage	Tank Dimension (mm)	
US-1	2.5 Ltr.	100	240x 140 x 100	26500.00
US-2	5 Ltr.	150	300 x 155 x 150	44500.00
US-3	8 Ltr.	200	300 x 240 x 150	75000.00
US-4	11 Ltr.	300	330 x 300 x 150	90000.00
US-5	24 Ltr.	500	500 x 300 x 200	138000.00



**GE-011(A) ULTRASONIC CLEANER LARGE VOLUME (SAME AS OF ABOVE GE-011) "TANCO"**

**Available Capacities:—**

Item No.	Basket Size in mm	Volume	Ultrasonic Power	Heater Capacity	
US 47	410 x 310 x 275	47 LTR	600 W	1000 Watt.	240000.00
US 108	560 x 410 x 370	108 LTR	1200 W	1500 Watt	345000.00
US 130	600 x 450 x 370	130 LTR	1500 W	3000 Watt	450000.00
US 160	700 x 450 x 390	160 LTR	1800 W	4500 Watt	500000.00



## GE-012 LEAK TEST APPRATUS WITH 6" DESICATOR "TANCO"

4 digit seven segment bright red LED display, Programmable Vacuum Hold Time **up to 9999 Secs.** Extremely useful for packing industry and ideal for Leak Testing of Strips, Blisters & Sachets. **Please specify the desiccator size while ordering.**

—Do— with 8" Desiccator

65000.00



88000.00

## GE-013 LEAK TEST APPARATUS MICROPROCESSOR BASED "TANCO"

(12" desiccator) fully automatic

185000.00



## GE-014 BRUSTING STRENGTH MACHINE "TANCO"

Digital Microprocessor, Capacity 35KG/SQ CM for paper & board.

175000.00



## AR-1 BENCHTOP PH / MV / ° C METER WITH CALIBRATION UP TO 3 POINT "TANCO"

High precision pH meter with LCD Display with Hold reset function & auto off having Auto-buffer recognition & Simultaneous display of pH & Temp. Range: 0.00 to 14.00 pH, pH Resolution: 0.01, Accuracy:  $\pm 0.01$ pH, mV Range: +1999 mV, Accuracy:  $\pm 1$  mV, Temp. Range: 0 to 100°C, Temp. Accuracy:  $\pm 1^\circ\text{C}$ . Help Message on Screen. Supplied with pH Electrode, pH Buffer, Temp. Pro, Electro Stand & power adaptors. Power Supply: DC 5V adapters using AC 220V / 50Hz.

30000.00



## AR-2 BENCHTOP PH/MV/° C METER WITH CALIBRATION UP TO 5 POINTS "TANCO"

High precision pH meter with LCD Display, Auto Buffer recognition, Push Button Calibration having ATC compensator with Expanded memory stores and recalls up to 500 readings with date & time, Built-in real time clock stamps stored data to meets GLP standards. Complete with USB communication interface with Calibration Due Reminder.

pH Range: -2.000-20.000pH, pH Accuracy:  $\pm 0.002$ pH, pH Resolution: 0.0001, 0.01, 0.1pH (Selectable), mV Range:  $\pm 1999.9$ mV, mV Accuracy:  $\pm 0.2$ mV, Temp, Range: 0-105°C, 32-221°F, Temp, Accuracy:  $\pm 0.5^\circ\text{C}$ ,  $\pm 0.9^\circ\text{F}$ , Power Supply: DC 5V adapters using AC 220V 50Hz. Supplied with pH Electrode, pH Buffer, Temp. Pro, Electro Stand & 5V power adaptors.

63000.00



## AR-3 BENCHTOP CONDUCTIVITY / TDS METER WITH 3 POINT CALIBRATION "TANCO"

Microprocessor Based Big LCD Display with Auto - Ranging for conductivity and TDS measurements of liquids. Having Help Message on Screen, Hold, Reset Function, Auto Off with ATC. Automatic endpoint function freezes the stable measured values for easy reading and recording data.

Conductivity Range: 0.00 to 200.0 ms (0.00 to 1.999, 19.99, 199.9, 1999 ps, 19.99,) in five auto ranges, Conductivity Accuracy:  $\pm 1\%$  F.S, Temperature Range: 0 to 100°C, Temperature Accuracy:  $\pm 1^\circ\text{C}$ , Cell Constant: 0.1, 1.0, 10 (adjustable), Power Supply: DC 9V adapters, using AC 220V/50Hz.

31500.00



## AR-4 BENCHTOP ION/PH/MV/C METER WITH CALIBRATION UP TO 5 POINTS "TANCO"

High Precision used for measuring pH/ORP & ION Concentration (Display reading in PPM) with LCD display 5 Point Calibration for ION & pH. Auto Buffer recognition & ATC, Memory upto: 500 data, USB Communication interface. pH Range & Accuracy: -2.000 - 16.000pH &  $\pm 0.002$ pH, ORP Range: 0



to  $\pm 1999.9$  mV, ORP Accuracy:  $\pm 0.2$  mV, Ion Concentration Range: 0-19999 ppm, Ion Concentration Accuracy:  $\pm 0.5\%$  Full Scale  $\pm 1\%$ , mV Range & mV Accuracy: 11999.9 mV &  $\pm 0.2$  mV. Built-in Ion Mode: Na, Ag, K, NH<sub>3</sub>, CL, F, Ca, No<sup>3</sup>, Pb, I, Cu, Br, CN.

Temperature Range & Accuracy: 0-105°C, 32-221°F &  $\pm 0.5^\circ\text{C}$ , Power supply: DC 5V adapters, using AC 220V / 50Hz.

70000.00

#### AR-5 MICROPROCESSOR BASED DISSOLVED OXYGEN METER "TANCO"

DO Meter with 1 or 2 points auto-calibration. Selectable readout in ppm, mg/L or % saturation with ATC & Automatic endpoint function freezes the stable measured values for easy reading and recording data. Setup menu lets user customize calibration points, resolution, stability condition of measurements, temperature units, date/time to meet personal preferences. Memory up to 500 data. Hold & Stable indicator with Calibration due reminder. Built-in real-time clock stamps stored data to meets GLP standards with computer interface facility.

Dissolved Oxygen Range: 0.00-20.00mg/L or ppm, Resolution: 0.1, 0.01 ppm, (Selectable), Dissolved Oxygen Accuracy:  $\pm 0.2$  mg/L or ppm, Temperature Range: 0.0-50.0°C, Temperature Accuracy:  $\pm 0.5^\circ\text{C}$ , Power Supply: DC 5V adapters using AC 220V/50Hz.

110000.00



#### AR-6 VISIBLE SPECTROPHOTOMETER (SINGLE BEAM) WAVELENGTH RANGE: 325-1000 nm WITH MANUAL SETTING WAVELENGTH "TANCO"

Microprocessor Controlled, LCD display for direct readout of Transmittance, Absorption, and Concentration. Uses 12000 line per mm, Spectral Bandwidth: 4nm, Wavelength, Accuracy:  $\pm 2$  nm, Wavelength Repeatability:  $\pm 1$  nm, Photometric Accuracy:  $\pm 0.5\%$  T. Having Silicon Photodiode detector & USB port & parallel port (Printer). Light Source Tungsten Halogen Lamp. Having Large sample compartment & can accommodate 5-100mm path length cuvettes with optional holders. Workable on 220/230 Volts AC Supply.

Supplied with 10mm Glass Cuvette 4 pcs, Power cord, 1 pc, Instruction Manual, 1 pc & Black Block 1 pc.

79000.00



#### AR-7 VISIBLE SPECTROPHOTOMETER (SINGLE BEAM) WITH WAVELENGTH RANGE: 325-1000nm WITH AUTO SETTING WAVELENGTH "TANCO"

Microprocessor Controlled, LCD can display wavelength, absorption and transmittance with 5 results per screen with memory store of up to 200 results. Grating 12000 line per mm, Bandwidth: 4nm, Wavelength Accuracy:  $\pm 1$  nm, Wavelength Repeatability:  $\pm 0.5$  nm, Photometric Accuracy:  $\pm 0.5\%$  T. Having Silicon Photodiode detector & USB port & parallel port (Printer). Having Large sample compartment & can accommodate 5-100mm path length cuvettes with optional holders. Workable on 220/230 Volts AC Supply.

Supplied with 10mm Glass Cuvette, 4 pcs, Power cord, 1 pc, Instruction Manual, 1 pc & Black Block 1 pc.

110000.00



#### AR-8 UV-VIS SPECTROPHOTOMETER (SINGLE BEAM) WAVELENGTH RANGE 190 – 1100nm "TANCO"

Microprocessor Controlled, LCD screen (128 x 64 dots). Can display wavelength, absorption and transmittance with 5 result per screen. Optical System: Single beam, Grating 1200 lines/mm, Bandwidth: 2nm, Wavelength Accuracy:  $\pm 1$  nm, Auto Setting Wavelength Setting: Zero & Blank & Auto Calibration.





Photometric Accuracy:  $\pm 0.3\%T$ , Photometric Repeatability:  $0.2\%T$ , Photometric Range:  $-0.3-3A, 0-200\%T$ , Stability:  $\pm 0.001A/h$  @ 500nm, Baseline Flatness:  $\pm 0.002A/h$ , Stray Light:  $\leq 0.05\%T$ , Standard Cell Holder: 4-position 10mm cell holder, Light Source: D2 lamp and Tungsten Halogen Lamp (W Lamp). Having Silicon Photodiode detector & USB port & parallel port (Printer). Data can be restored after a sudden power cut. Workable on 220/230 Volts AC Supply.

Supplied with 10mm Glass Cuvette 4 pcs, 10mm Quartz Cuvette 2 pcs, Power cord 1 pc, Instruction Manual 1 pc & Black Block 1 pc.

205000.00

#### AR-9 UV-VIS SPECTROPHOTOMETER (DOUBLE BEAM) WAVELENGTH RANGE: 190-1100 nm) "TANCO"

Microprocessor Controlled, LCD screen to show results and curves directly on the screen. Variable Bandwidth 0.5/1.0/2.0/4.0 nm. The two detectors are used to measure sample and reference respectively and simultaneously for optimizing measurement accuracy. Lamp selection enables conserving the life of D2 & Tungsten lamps. Real time clock for date & time stamping of results with Silicon Photo diode detector. Having 520mm long light path design greatly improved resolution and the bandwidth can reach 0.5nm. Multi functions operated directly on the spectrophotometer and display the test results' curve and data: wavelength scanning, standard curve, kinetics, multi wavelength scanning, DNA/protein test. All baseline, wavelength, dark current can be calibrated automatically to keep good running conditions.

Cell Holder: Single Cuvette Holder (10 mm), Optical System: 1mm, Optical System: Double Beam (1200 Lines/mm Grating), Bandwidth: 1nm, Wavelength Accuracy:  $\pm 0.3nm$ , Wavelength Repeatability:  $\pm 0.2nm$ , Photometric Repeatability:  $0.2\%T$ , Photometric Range:  $-0.3-3A, 0-200\%T, 0-9999C$ , Stability:  $\pm 0.001A/h$  @ 500nm, Stray Light:  $\leq 0.05\%T$  @ 220nm, 360nm, Scanning Speed: Fast, Medium & Low, Data Output: USB with printer parallel port. Power Supply: 220/230 volts AC supply.

Supplied with 10mm Glass Cuvette: 4 pcs, 10mm Quartz Cuvette: 2 pcs, Power cord: 1 pc, Instruction Manual: 1 pc.

500000.00

#### AR-10 DIGITAL ABBE REFRACTOMETER "TANCO"

Measurement of Refractive index  $n_D$  of transparent or translucent liquid Range: 1.3000-1.7000 and solid substance 0-100% with Accuracy refractive index  $n_D \pm 0.0002$ , Accuracy Dissolved Solids Brix:  $\pm 0.1\%$ . Measurement of brix of sugar solution, Visual aim and LCD Display with Printer Interface (RS232). Automatic correction of the effect of temperature on the Brix having. Workable on 220 volts AC Supply.

220000.00

#### AR-11 FULLY AUTOMATIC DIGITAL REFRACTOMETER TOUCH SCREEN "TANCO"

Fully Automatic Measurement of Refractive index  $n_D$  of transparent or translucent liquid Range: 1.30000-1.70000 and solid substance 0-100% with accuracy of LCD display of temperature, Temp. resolution  $0.1^\circ C$ . Measurement of brix of sugar solution, with Printer Interface (RS232). Memory upto 1024 results with password protected, Reading Time 2 Second. Automatic correction of the effect of temperature on the Brix having Accuracy refractive index  $n_D < \pm 0.0002$ , Accuracy dissolved solids Brix  $\pm < 0.1\%$ . Workable on 220 volts AC Supply.

385000.00

#### AR-12 AUTOMATIC DIGITAL POLARIMETER TOUCH SCREEN "TANCO"

Measuring multiple scales - specific rotation, optical rotation, sugar degree and concentration, Temperature display & accuracy  $0.5^\circ C$  with Automatic repetition. Giving average value of 6 test. Measurement of dark-coloured sample with resolution 0.001 with accuracy:  $\pm 0.01$  having Response time  $3^\circ/sec$ . complete with Photodiode Detector with interface USB RS232, Sample





transmission  $\pm 1\%$ , Data display - date, time, measuring mode, length of tube, temp. test time, measured value (1 - 6 values), average value. Workable on 220/230 volts AC Supply.

(a) Measuring Range: $-45+45$	375000.00
(b) Measuring Range: $-89+89$	700000.00

#### AR-13 PROBE SONICATOR WITH SOUND PROOF ENCLOSURE "TANCO"

Microprocessor controlled and completely programmable. Digital LCD display with Time setting Temperature (0-99°C) Indicator and controller. Variable Power Output control. Auto frequency chasing. Output amplitude 0-100% adjustment with 10 operation programmes. Automatic tracking; Process capacity : 0.5-500ml (approx.), Display : 4.3 inches TFT, Password Protection available ; Data memory 20 groups, Output Power: 6.5-650W (adjustable), Frequency : 20-25 KHZ. Can be used to smash animal and plant cells.

Model	Power	Probe Dia	Titanium Alloy) Standard)	
PS-250	250 W	6 mm (1/4")		310000.00
Probe				44000.00



#### AR-14 DIGITAL ROTATIONAL VISCOMETER "TANCO"

Backlight LCD Display. Rotational Digital Direct Reading viscometer to measure absolute viscosity of liquids featured by high flexibility reliable test result, Temperature Display. Printer & Computer Interface. Auto Range function. Selectable Speed. Direct Viscosity reading and temperature display with 4 Standard Spindle. Measurement Accuracy:  $\pm 1\%$  (FS), Repeatability:  $\pm 0.5\%$  (FS) with RS232 interface output. Workable on 220/230 Volts AC Supply.

Model No.	Measuring Range Mpa.s	Speed	No of Speed	
RV-60	20-2,000,000	0.3 to 60	8	135000.00
RV-100	20-2,000,000	0.3 to 100	18	190000.00
RV-200	20-6,000,000	0.1 to 200	54	235000.00



#### AR-15 GRADIENT THERMAL CYCLER PCR TOUCH SCREEN "TANCO"

Polymerase Chain Reaction (PCR) is widely used in Molecular biology as per Progresses. Window operating system. Automatic restart after power failure. 8" TFT color touch screen with graphical display to set parameter. Applicable with 0.2ml tube models: non-skirted, semi and fully skirted plated with 4 independent temperature control sensors and 8 peltier heating unit. Built in 11 standard program, internal flash memory for 10000 typical PCR files with pause function & auto data protection. Having print, LAN to computer.

**Capacity: 96 x 0.2ML**, Temperature Range: 0-100°C, Max. Heating Rate: 5°C/s, Max. Cooling Rate: 4°C/s, Uniformity & Accuracy  $\leq \pm 0.1^\circ\text{C}$ , Gradient Uniformity:  $\leq \pm 0.2^\circ\text{C}$ , Gradient Accuracy:  $\leq \pm 0.2^\circ\text{C}$ , Gradient Temp. Range: 30-100°C, Time Increment/Decrement: 1 Sec. – 9 Min 59 Sec., Number of programme: 10000+(USB Flash), Max. no of step: 30, Max. no. of cycle: 99 Workable on 220/230 Volts AC Supply.

485000.00



## CLAIBRATION CHARGES

CALIBRATION done by standards are traceable to national standards through **NABL accredited laboratory** can be provided at an extra cost as per details given below: (It can only be done for instruments fitted with Digital electronic controllers).

SL No	DESCRIPTIONS	CALIBRATION CHARGES FOR EACH SET
1.	Hot air oven -	2500.00
2.	Bacteriological Incubator	2500.00
3.	B OD Incubator	2500.00
4.	Autoclave	2500.00
5.	Laminar Air flow	3000.00
6.	Fume Hood	3500.00
7.	Bio safety cabinet	3500.00
8.	Deep Freezer	3000.00
9.	Humidity Cabinet	3500.00
10.	Water Bath	2500.00
11.	Seed Germinator	3500.00
12.	Hot Plate	2000.00
13.	Muffle Furnace	2000.00
14.	Portable Incinerator	3500.00
15.	pH meter	2000.00
16.	Conductivity Meter	2000.00
	For other items	P.O.R

**Note: Validation & Calibration of Instruments at site can be done at an Extra Cost**

**P.O.R.**

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