

AUTOCLAVE VERTICAL TRIPLE WALLED

THE PLT – 101(C) SERIES



APPLICATION

- ★ Triple walled High Pressure Autoclave are used where **Dry Sterilization** is required.
- ★ Triple walled High Pressure Autoclave are most ideal for critical applications requiring assured and reliable total destruction of all living micro-organisms.
- ★ It is used for sterilizing of surgical instruments, dressing material, linen, rubber, plastic material, injection liquids by means of steam under pressure of 15 to 20 psi.(Adjustable)

SALIENT FEATURE AND CONSTRUCTION

- ★ Used for Dry Sterilization
- ★ Steam Jacket & Outer wall made of S. S. 304 Grade
- ★ Water Level Indicator
- ★ Lid Closing by Radial Locking System
- ★ Sealing of Lid by Neoprene Rubber Gasket
- ★ Lid is fitted with Pressure Gauge, Spring Loaded Safety Valve
- ★ Operating range from 15psi to 20psi pressure
- ★ Hydraulically tested up to 40 psi
- ★ Sterilizing Temperature up to 134°C
- ★ Tested up to 2.5 times of required Pressure
- ★ Voltage: 220 Volts AC (50 Hz)



TANCO®

An ISO 9001: 2008 Certified Co.



TECHNICAL SPECIFICATIONS & ORDERING INFORMATION

| Model No. | ACT-1 | ACT-2 | ACT-3 | ACT-4 | ACT-5 | ACT-6 |
|--------------------------|--------------------------------|-------------|-------------|-------------|-------------|-------------|
| Inner Dimensions (D x H) | 250 x 450mm | 300 x 500mm | 350 x 550mm | 400 x 600mm | 450 x 600mm | 550 x 750mm |
| Inches Conversion | 10 x 18 | 12 x 20 | 14 x 22 | 16 x 24 | 18 x 24 | 22 x 30 |
| Capacity | 22 ltrs | 40 ltrs | 50 ltrs | 78 ltrs | 98 ltr | 152 ltrs |
| Working Load | 3.0 KW | 4.0 KW | 4.0 KW | 5.0 KW | 6 KW | 7.5 KW |
| Gasket | Made of Neoprene Rubber | | | | | |
| Sterilizing Pressure | 1.2 kgf/cm | | | | | |
| Pressure Guage | 30 psi | | | | | |
| Operating Pressure | From 15-20 psi | | | | | |
| Inner Pressure Tank | SS-304 | | | | | |
| Basket | Made of SS | | | | | |
| Water Level Indicator | Fitted on Outer Chamber | | | | | |
| Boiler | Upto +40 psi | | | | | |
| Accuracy | ± 3 psi | | | | | |
| Safety Device | Spring Loaded System | | | | | |
| Water Draining System | Hand Operated Level | | | | | |
| Heating | By ISI Marked Immersion Heater | | | | | |
| Steam & Vacuum Release | By Value | | | | | |
| Power Supply | 220/230 V | | | | | |

OPTIONAL FEATURES

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|----------------------------|--|
| Present Pressure Operation | Automatic Switch Piezostat |
| Heater Safety | Automatic cut-off switch |
| Pre-set Time Operation | By Mechanical / Digital Timers Analogue 0-60 minutes |
| Temperature Display | Digital Temperature Indicators with LED display |
| Temperature Recording | Thermograph with / without digital display – Circular Type |
| Dry Sterilization | Triple wall arrangement |