

HORIZONTAL RECTANGULAR HIGH PRESSURE AUTOCLAVE

TAI 907

Fully Automatic Micro-Processor Based High Pressure Autoclave

Advanced Sterilization Solution

A state-of-the-art, fully automatic microprocessor-based high-pressure autoclave designed for efficient and reliable sterilization of:

- Agar and culture media
- Liquids in open & closed bottles
- Instruments and materials
- Waste decontamination

Robust Chamber & Construction

- Double door, front-loading, rectangular horizontal chamber
- Fully insulated with 50 mm thick insulation jacket for minimal heat loss
- Chamber thickness: Minimum 8 mm
- Constructed with high-grade stainless steel

Safety & Sealing System

- Radial locking door with pass-through system
- Advanced silicone-based sealing mechanism
- Equipped with:
 - Pressure safety valves (chamber & jacket)
 - Over-temperature protection
 - Emergency stop system
 - Steam traps & electrical safety features

Control & Operation

- Built-in colour touch screen display
- User-friendly programmable interface
- Chip card port for adding new programs
- Audio-visual alarms for abnormal conditions

Pre-Programmed Cycles

- Minimum 2 Test Cycles (VLT & B&D)
- 2 Pre-programmed HPHV cycles
- 2 Gravity cycles
- Additional user-programmable cycles supported

Performance Parameters

- Temperature range: 121°C to 135°C
- Working pressure: 15 – 32 PSI (1.1 – 2.2 bar)



MANUFACTURERS & EXPORTERS:

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Monitoring & Sensors

- Complete cycle monitoring system
- Equipped with:
 - Pressure sensors
 - Temperature sensors (Pt-100)
- Analog display for:
 - Chamber pressure
 - Jacket pressure

Accessories & Utilities

- Supplied with high-quality:
 - Stainless steel trolleys
 - Sterilization baskets
- External trolley: 1 No.
- Internal trolley with steel roller shelves: 1 No.
- Includes all necessary electrical fittings and accessories

Key Highlights

- ✓ Energy-efficient insulated design
- ✓ High-capacity sterilization chamber
- ✓ Advanced safety mechanisms
- ✓ Fully automated programmable system
- ✓ Reliable and precise operation



AVAILABLE SIZES & CAPACITIES

Dimension (Inch)	Dimension (mm)	Capacity	Connected Load
18 × 18 × 36	450 × 450 × 900	180 Litres	12 kW
18 × 24 × 36	450 × 600 × 900	240 Litres	18 kW
24 × 24 × 36	600 × 600 × 900	320 Litres	18 kW
24 × 24 × 48	600 × 600 × 1200	430 Litres	18 kW
24 × 36 × 60	600 × 900 × 1500	810 Litres	36 kW
36 × 36 × 60	900 × 900 × 1500	1215 Litres	36 kW
36 × 36 × 72	900 × 900 × 1800	1530 Litres	48 kW

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