

Top Loading Autoclaves

| 90 | 120 | 135 | Litres



Ideal for most laboratory applications including sterilization of Liquids (Media), Discard, Glassware, and Laboratory Instruments. Vacuum available for more demanding applications.

Standard features

- 5.7" Full Colour Touchscreen
- PLC Controller
- Drain Valve
- Data Archive
- Timed (Delayed) Start
- Castors
- Electro-Polished Chamber
- Validation Port
- Media Holdwarm
- Internal Load Support Plate
- Cooling Lock
- Over-Temperature Protection
- Safety Valve Test Program
- Pressure Gauge
- 5 Password Levels
- Multi Program
- Emergency Stop
- Timed/Pulsed Free Steaming
- Optional Single or 3 Phase Power requirement

Top Loading Autoclaves

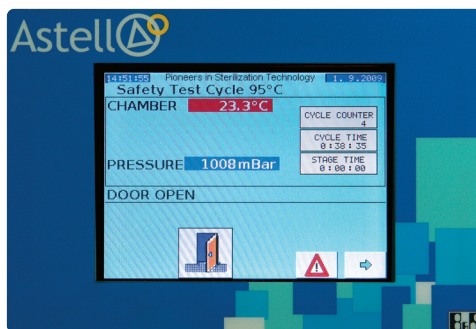
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Technical details

Reference	Steam Source	Power Supply	Volume Litres	Chamber Dia x Depth mm	Overall Dims w x h x d
AMA250BT	Heaters in Chamber	Single or 3 Ph, 15A/Ph, 7/10kW	95	456 x 448	660 x 940 x 840
AMA252BT	Direct Steam	Single Ph, 2A	95	456 x 448	660 x 940 x 840
AMA260BT + Vacuum	Heaters in Chamber Steam Generator	Single or 3 Ph, 15A/Ph, 7/10kW 3 Ph, 15A 10kW	120 120	456 x 588 456 x 588	660 x 1070 x 840 660 x 1070 x 1200
AMA262BT + Vacuum	Direct Steam Direct Steam	Single Ph, 2A 3 Ph, 4A (STEAM)	120 120	456 x 588 456 x 588	660 x 1070 x 840 660 x 1070 x 1200
AMA270BT + Vacuum	Heaters in Chamber Steam Generator	Single or 3 Ph, 15A/Ph, 7/10kW 3 Ph, 15A 10kW	135 135	456 x 680 456 x 680	660 x 1150 x 840 660 x 1150 x 1200
AMA272BT + Vacuum	Direct Steam Direct Steam	Single Ph, 2A 3 Ph, 4A (STEAM)	135 135	456 x 680 456 x 680	660 x 1150 x 840 660 x 1150 x 1200

The new Logi control system

- Full Colour Touch Screen
- Icon Driven
- Password Protected Security System
- Multiple Access Levels
- Simple Cycle Selection
- Optional RS232 Interface / Port allowing connection to other peripheral devices such as a printer
- Operator Interface
- Enables continual monitoring
- Individual analogue channels are displayed
- Temperature / Pressure etc
- Continuous Data Archiving
- Self-Help Tutorial



The controller consists of a wipe clean touch screen measuring 122 x 94 mm and is based on an industrial PLC controller with analogue and digital input/output modules. The controller software has been developed by Astell for the precision control of autoclaves.

Additional options available

(see Options brochure for further details)

Reference	Description
AAR130	Integral Data Printer
AAP018	AutoDrain
AJP150	External Vessel Warming (Vacuum units)
AAR500	Sterilization Datalogger
AAN014	Load Sensed Process Timing
AAR120	RS232 Interface
AAR122	Ethernet Interface
AAN009	Pulsar freesteamming (Non vacuum)
AAP019	AutoFill
AAP006	Assisted Air Cooling
AAP080	Advanced water cooling
AVC004	Air Ballast
AAQ500	Integral Air Compressor (Vacuum units)
AVC005	CATIII Compliance
AAN420	Exhaust Heat Exchange System (Non vacuum)
AAN036	Stainless steel wire basket 400d x 400h
AAN042	Stainless steel wire basket 400d x 220h
AAN048	Container with perforated base 380d x 400h
AAN056	Morrison discard container 390d x 500h
AAN058	Morrison discard container 390d x 355h
AAN002	Internal stainless steel load support plate
AAW001	Water Softener
AAW002	
IQ/OQ	Document Package
AVC002	Vacuum System

Installation

Electrically Heated Models (in-vessel or steam generator)

Power: 3-Phase 380-440 volts (Phase-Phase), 50 or 60 Hz. 10kW non-vacuum models may be operated at 7kW from a Single Phase 30 Amp 200-240 Volt supply. For use on 3-Phase Power Supplies of 200-240volts (Phase-Phase) please specify option AAN110 at time of order. NB. A Neutral Line and Protective Earth are required for all electrically heated units.

Water: A cold water supply of 2 to 6 bar minimum, 4 L/min is required for the Autofill or Water Cooling (including Deluge Cooling) options. Max Temp. 25°C, Max flow rate 20L/Min.

Direct Steam Heated Models

Power: Single-phase supply of 200-240V 50/60 Hz. A Protective Earth plus Neutral is required. For use on 110 volt + 10% 50/60 Hz supplies specify option AAN110 at time of order.

Steam: A supply of DRY SATURATED steam at 4 Bar is required for Direct Steam Heated models.

All Models

Drain: Free-venting, non-manifolded drain (35mm dia) capable of withstanding temperatures up to 100°C.

Standards Compliance

ISO9001: 2008
 ISO 17025:2005 (UKAS)
 ISO13485: 2003
 Pressure Equipment Directive (EN/97/23/EC)
 Medical Devices Directive (93/42/EC & 2007/47/EC)
 IEC 61010



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