

## Compact Autoclaves

| 33 | 43 | 63 | Litres



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

### Standard features

- 5.7" Full Colour Touchscreen
- PLC Controller
- Internal Base Shelf
- Data Archive
- Timed (Delayed) Start
- Electro-Polished Chamber
- Validation Port
- Media Holdwarm
- Cooling Lock
- Over-Temperature Protection
- Safety Valve Test Program
- Pressure Gauge
- 5 Password Levels
- Multi Program
- Pulsed Heat Drying (Autofill Version)
- Timed/Pulsed Free Steaming

The **Classic** Version requires manual water-fill; during the cycle condensate leaves the vessel via a silicone tube that can be connected to a heat-resistant bottle.

The **Autofill** Version has an integral reservoir. Once filled, this provides water for up to 15 cycles, and also acts as a collection vessel for condensate and the water that is automatically returned from the chamber at the end of each cycle.

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## Technical details

Reference	Classic/Autofill	Loading	Volume Litres	Power Supply	Chamber dia x depth mm	Overall Dims wxhxd
AMB420BT	Classic	Front	33	1Ø-13A	350 x 360	520 x 540 x 780
AMB430BT	Classic	Front	43	1Ø-13A	350 x 460	520 x 540 x 780
AMB440BT	Classic	Front	63	1Ø-13A	350 x 660	520 x 540 x 980
AMA440BT	Classic	Top	63	1Ø-13A	350 x 640	530 x 1040 x 700
AMB220BT	AutoFill	Front	33	1Ø-13A	350 x 360	520 x 540 x 780
AMB230BT	AutoFill	Front	43	1Ø-13A	350 x 460	520 x 540 x 780
AMB240BT	AutoFill	Front	63	1Ø-13A	350 x 660	520 x 540 x 980
AMA240BT	AutoFill	Top	63	1Ø-13A	350 x 640	530 x 1040 x 700

## The new Logi control system



The New Logi control systems are an advance in sterilization control technology, bringing together years of unrivalled experience, to produce a user friendly, fully automatic control system, to meet and exceed the expectations of the most demanding laboratories and centres of sterilization.

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

- 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

## Bottle Capacity

Based on Duran type bottle

	AMB420T AMB220T	AMB430T AMB230T	AMB440T AMB240T	AMA440T AMA240T
500ml	10	14	21	24
1000ml	8	11	15	14
2000ml	2	3	4	6*

\* AMA240NT/AMA440NT will hold 8 x 2000 ml bottles if baskets are not used

## Additional options available

(see Options brochure for further details)

Reference	Description
AAR130	Integral Data Printer
AAR500	Sterilization Datalogger
AAP007	Assisted Air Cooling
AAN014	Load Sensed Process Timing
AAR120	RS232 Interface
AAR122	Ethernet Interface
AAN346	Discard Container (for benchtop units)
AAN340	Half Depth S/Steel Basket
AAN342	Half Depth Morrison Container
AAN074	Load Support Plate
AAN520	Five Position Shelf Rack (AMB220/420)
AAN522	Spare Shelf for AAN520
AAN530	Five Position Shelf Rack (AMB230/430)
AAN532	Spare Shelf for AAN530
AAN040	Five Position Shelf Rack (AMB240/440)
AAN043	Spare Shelf for AAN040
AAN308	Condensate Bottle – Classic Models
IQ/OQ	Document Package

## 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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