

Compact Top Loading Autoclaves - 63 litre models



Fitted with 'Heaters in Chamber' as standard.



Self Contained with a Small Footprint

Astell's top loading 63 litre 'Compact' autoclaves are available in two versions (see below). Both require no plumbing, and operate from a standard single phase power supply.

'Classic' and 'Autofill' models are available.

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

Autofill - 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.

Technical Details

Model No.	Classic/ Autofill	Volume (Litres)	Power Supply	Chamber dia x depth mm	Overall Dims wxhxd	Duran Bottle Capacities		
						500ml	1000ml	2000ml
AMA440BT	Classic	63	Single Phase 230 volts, 13 Amps, 50/60Hz	350 x 640	530 x 1040 x 700	16	12	6*
AMA240BT	Autofill							

*will hold 8 Durans if no baskets are used, but requires an additional load support plate (REF: AAN074)

Additional options available

Pr	Integral Data Printer	Astell Ref: AAR130
Ls	Load Sensed Process Timing	Astell Ref: AAR014
Rs	RS232 Interface	Astell Ref: AAR120
Et	Ethernet Interface	Astell Ref: AAR122
Iq	IQ/OQ Documentation	Astell Ref: IQ/OQ
Ac	Assisted Air Cooling	Astell Ref: AAP007
Cb	Condensate Bottle for 'Classic' models only	Astell Ref: AAN308
Pl	Load Support Plate	Astell Ref: AAN074

Ba	Stainless Steel Basket 310 (dia) x 270 (h) mm	Astell Ref: AAN340
Mc	Morrison Discard Container 310 (dia) x 270 (h) mm	Astell Ref: AAN342

Pictured right, the condensate bottle can be connected to any of the 'Classic' compact units to allow up to 4 litres of water collection during the freesteaming stage.

This option is useful in situations where no easy drainage is available, or as a lower cost alternative to the 'Autofill' version(s).

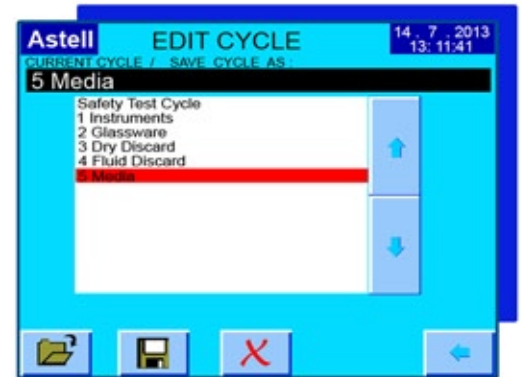


Colour touch screens as standard

All Astell Scientific autoclaves, steam generators and effluent decontamination systems (EDS) incorporate the latest innovations in control system technology, providing colour touchscreen controllers as standard throughout the range.

The Logi control colour systems are an advance in sterilization control technology. Bringing together years of unrivalled experience, they produce a user friendly, fully automatic control system designed 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 system, combined with a number of analogue and digital input/output modules. The controller software has been developed by Astell for the precision control of all our autoclaves and sterilizers.



Standard Features

- Colour Touch Screen
- Icon Driven Menu System
- Simple Cycle Selection
- Continual Cycle Monitoring

SECURE

- Data Archive for up to 5,000 cycles
- USB Connection for USB back up (requires additional lead)
- Multiple user access levels
- Multi-level password protection
- User log

FLEXIBLE

- Multi programmable controller
- Programme new cycles
- Modify existing cycles
- Duplicate, modify & rename cycles
- Cycle jump facility
- Multiple languages
- Delayed start facility
- Hold warm facility (if applicable)
- Default to factory settings
- Input / output override

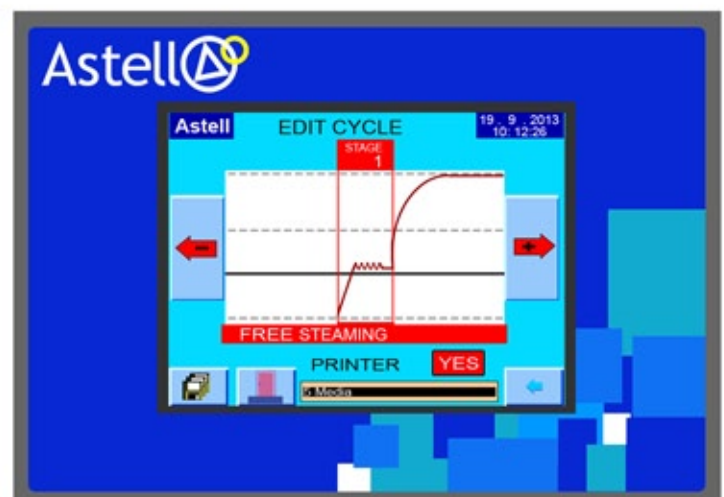
INFORMATIVE

- Digital pressure / temperature display
- Cycle counter
- Stage timer
- Cycle timer
- Cycle header
- Stage display
- Pressure display
- Up to four temperatures displayed
- View input / output display
- Logs batch number
- Logs load number
- Print any cycle from the data archive logs (printer required)

SUPPORTIVE

- Self-help tutorial
- Fault diagnosis
- Safety valve test cycle
- Machine service timer
- Fault history log

...Plus many more features can be added.



Pictured Right:

Electro polished pressure vessels come as standard on all our circular chambered autoclaves, allowing for easy cleaning.

