

# Compact Front Loading Autoclaves - 33 | 43 | 63 litre models



Fitted with 'Heaters in Chamber' as standard.

## Compact, Stylish and Self Contained

The front loading benchtop range of Astell autoclaves is available in sizes of 33, 43 or 63 litres. Totally self contained, these units require no plumbing, only a standard single phase power supply.

The range is available as either 'Classic' or 'Autofill'.

**Classic** - The 'Classic' range 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' range 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	Required bench depth	Duran Bottle Capacities		
							500ml	1000ml	2000ml
AMB420BT	Classic	33	Single Phase 230 volts, 13 Amps, 50/60Hz	350 x 360	520 x 540 x 780	670mm	10	8	2
AMB430BT		43		350 x 460	520 x 540 x 780	670mm	14	11	3
AMB440BT		63		350 x 660	520 x 540 x 980	855mm	21	15	4
AMB220BT	Autofill	33	Single Phase 230 volts, 13 Amps, 50/60Hz	350 x 360	520 x 540 x 780	670mm	10	8	2
AMB230BT		43		350 x 460	520 x 540 x 780	670mm	14	11	3
AMB240BT		63		350 x 660	520 x 540 x 980	855mm	21	15	4

## Additional options available

<b>Pr</b>	<b>Integral Data Printer</b>	Astell Ref: AAR130	<b>Ss</b>	<b>Five Position Shelf Rack</b> for the AMB220BT & AMB420BT	Astell Ref: AAN025 (2 shelves supplied)
<b>Ls</b>	<b>Load Sensed Process Timing</b>	Astell Ref: AAR014	<b>Ss</b>	<b>Five Position Shelf Rack</b> for the AMB230BT & AMB430BT	Astell Ref: AAN530 (3 shelves supplied)
<b>Rs</b>	<b>RS232 Interface</b>	Astell Ref: AAR120	<b>Ss</b>	<b>Five Position Shelf Rack</b> for the AMB240BT & AMB440BT	Astell Ref: AAN040 (3 shelves supplied)
<b>Et</b>	<b>Ethernet Interface</b>	Astell Ref: AAR122	<b>Ss</b>	<b>Spare Shelf</b> for the AMB220BT & AMB420BT	Astell Ref: AAN022
<b>Iq</b>	<b>IQ/OQ Documentation</b>	Astell Ref: IQ/OQ	<b>Ss</b>	<b>Spare Shelf</b> for the AMB230BT & AMB430BT	Astell Ref: AAN532
<b>Ac</b>	<b>Assisted Air Cooling</b>	Astell Ref: AAP007	<b>Ss</b>	<b>Spare Shelf</b> for the AMB240BT & AMB440BT	Astell Ref: AAN043
<b>Cb</b>	<b>Condensate Bottle</b> for 'Classic' models only	Astell Ref: AAN308	<b>Mc</b>	<b>Morrison Discard Container</b> 180 (w) x 200 (h) x 260 (d) mm Capacity = 33 litre (1), 43 litre (2), 63 litre (3)	Astell Ref: AAN346

## 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

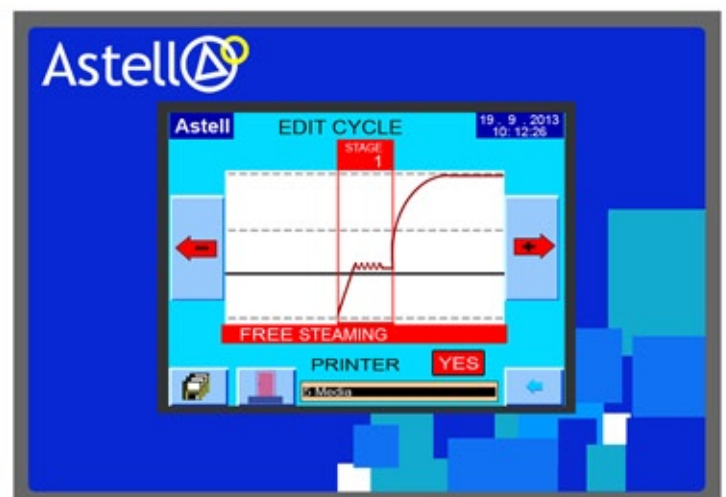
- Digital pressure / temperature display
- Cycle counter
- Stage timer
- Cycle timer
- Cycle header
- Stage display
- Pressure display
- Up to four temperatures displayed
- View input / output display
- Logs batch number
- Logs load number
- Print any cycle from the data archive logs (printer required)



### 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.

