



Laboratory Equipment Pty Ltd

Features:

All steam contact surfaces are manufactured from stainless steel 18/8 grade

Stainless steel cabinet with industrial grade rockwool to keep surfaces cool.

Two stage locking lid prevents steam leakage and protects the operator, with safety heating switch to prevent operation when lid is open.

Safety relief valve to ensure vessel pressure never exceeds designed working pressure and prevent overheating.

Indicating lights display all functions including heating, low water, timer operation, temperature set point and actual temperature.

Can be used with de-ionised, distilled or tap water.

Digital microprocessor based PID temperature controller with stored memory (optional stored programs with memory)

Separate cycle timer and easy to read display pressure gauges.

Can be stand alone and moved from room to room, or fixed in position and connected to local plumbing and electricals.

Conforms to Australian Standard AS:1210 with each vessel individually tested and stamped by an approved person.

Options include chart recorder for temperature and pressure, increased power rating for rapid heating applications, castors for portability and increased working depth chambers.

**AA13,AA16 and AA18 are all supplied with a 3 metre single phase plug and lead.

** AA20 can be wired single phase or 3 phase. A plug and lead are not supplied with this model autoclave. The customer should use their own electrician for connection of this model



Specifications

Model	AA13	AA16	AA18	AA20
Capacity (litres)	40	60	80	100
Int. Dim. (cm) DiaxD	33x46	33x60	46x46	46x60
Ext. Dim. (cm) HxWxD	95x70x70	110x70x70	95x80x75	110x80x75
Temp. Controller	Digital PID Controller			
Temp. Min	Ambient+5°C			
Temp. Max	135°C			
Temp. Setting Accuracy	+/- 0.1°C			
Temp. Fluctuation	+/- 1.0°C			
Temp. Sensor	Type K			
Heating System	Electric Element			
Timer	0-300 hrs/mins/secs			
Pressure Max. (kPa)	215			
Interior Material	316L Stainless Steel			
Exterior Material	Stainless Steel			
Baskets (standard)	1			
Options	Additional baskets, internal thermocouple, programmable controller, chart recorder, gantry lifting system, castors, rapid heat up time, increased working depth chambers.			
Safety Features	Over pressure relief valve, earth leakage breaker (ELB), low water level sensor, two stage interlocking safety door.			
Power Supply	15AMPS/ Single Phase		20AMPS / Single Phase	Three Phase + Neutral
Power (W)	3600		4000	6000
Weight (kg)	80	90	120	130