

## Autoclaves

### Autoclave, electronic, automatic, 2100 Classic series

A simple to use autoclave with an 11 minute cycle at 126°C to eliminate the risk of contamination from bacteria and other organisms.

Features include:

- Light compact and portable
- A simple one step operation starts the automatic cycle.
- Light sequence indicators show "Power to unit" - "Cycle in progress" - "Sterilisation in progress" – "Cycle is successful" or "Cycle has failed".
- Interlock system preventing lid removal whilst pressure remains in the vessel
- A two stage "over pressure" protection system incorporates a calibrated pressure release valve and a gasket offset device
- Extended life green gasket lasts in excess of 600 cycles
- Electronic devices turn off the power if there is insufficient water.
- Optional temperature and pressure gauges show internal chamber conditions during the cycle
- Thermal fuse and double pole fuses protect against overheating and electrical faults



AC/45002



AC/45004



AC/45006

#### Technical specification

	Standard body	Extended body
Max width - overall:	340 mm	340 mm
Max height - overall:	335 mm	420 mm
Max nett weight:	4.5 Kg	4.5 Kg
Chamber diameter:	210 mm	210 mm
Chamber height:	236 mm	328 mm
Chamber capacity:	9 litre	12 litre
Max inst' length:	228 mm	290 mm
Max load weight:	3 kg	4 kg
Sterilising temperature:	126°C	126°C
Min sterilising time:	11 mins	11 mins
Cycle time - nominal:	22 mins	22 mins
Operating pressure:	1.4 bar	1.4 bar
Voltage:	230 V	230 V
Wattage:	1500 W	1500 W
Frequency:	50-60 Hz	50-60 Hz

All Plus models come with temperature and pressure gauges.

Cat. No.	Model	Description	POA
AC/45002	2100/01	Standard body	
AC/45004	2100/03	Standard body Plus	
AC/45006	2100/02	Extended body	
AC/45008	2100/04	Extended body Plus	

All 2100 series autoclaves come complete with instrument basket and V support. The standard body versions also come with an instrument tray. Please ask for details of spares and accessories.

This is just a sample of the autoclaves available. Please visit [www.gandn.com](http://www.gandn.com) for further models.

## Autoclaves Swiftlock Front & Top Loading 90 to 330 Litres

### STANDARD FEATURES

- 90, 110 & 130 Litres Top Loading – 120, 150, 230, 275 & 330 Litres Front Loading
- TouchScreen Controller – SecureTouch+ (non Vacuum Models)
- TouchScreen Controller – Logi (Vacuum Models)
- Fully Programmable
- PIN Restricted User Programming
- Timed Free Steaming
- Holdwarm / Delayed Start
- Full Range of Options & Accessories
- Suitable for a wide range of Laboratory applications
- Guaranteed precision and versatility in sterilization
- Ultra Quick Swiftlock Door Mechanism
- Service Independent Gasket
- Data Archiving

IDEAL FOR - Liquids & Most laboratory applications, including Discard, Glassware, Laboratory Instruments etc

Available with various options and accessories, including Assisted Air Cooling, Load Sensed Process Timing, Advanced Water Cooling, Pulsar Free Steaming, Data Recording devices.

### VACUUM VERSIONS

The addition of a vacuum system enhances pre-sterilization air removal and greatly reduces cycle times. Post vacuum drying (in conjunction with the optional heated jacket or external vessel warming) greatly improves drying performance.

IDEAL FOR - Many Laboratory Applications, Porous Materials, Media, Discard, Waste, CAT III Applications etc (NB - Certain applications may require additional options)

Available with various options and accessories, including Air Ballast, CAT III Compliance, Full Heated/Cooling Jackets, Load Sensed Process Timing, Data Recording devices etc.

Factory Fitted Options. Please note these must be specified at time of order.

Cat No.	Code	Description	POA	Accessories
AC/25040	AAR100	Integral data printer		AC/25116 AAN036 S/Steel Wire Basket for Top Loading Models (400 dia x 400h)
AC/26042	AAR014	Load sensed process timing		AC/25118 AAN042 S/Steel Wire Basket Top Loading Models (400 dia x 230h)
AC/25102	AAP800	8 Program controller		AC/25120 AAN056 Morrison Container Top Loading Models (390 dia x 500h)
AC/25104	AAP006	Assisted Air Cooling		AC/25122 AAN058 Morrison Container Top Loading Models (390 dia x 355h)
AC/25110	AAR120	RS232 interface		AC/25124 AAN002 S/Steel Top Loading Support Plate
AC/25112	AAP019	Automatic waterfill (mains supply)		AC/25126 AAN300 Rectangular Morrison Front Loading Models (290 x 330 x 280)
AC/25114	AVC004	Air ballast		



AC/256



Secure



Logi

## Autoclaves Compact Units, 30, 40 & 60 Litres

### STANDARD FEATURES

- 30 - 60 litres Benchtop & 60 litre Top Loading models
- Touch Screen Controller - Fully Programmable with Adjustable Parameters
- Classic & AutoFill versions
- Self Contained
- Base Shelf included on Benchtop units
- Full Range of Options & Accessories
- Suitable for a wide range of Laboratory applications
- Guaranteed precision and versatility in sterilization
- Ultra Quick Swiftlock Door Mechanism
- Service Independent Gasket
- Media Holdwarm (Classic Version)
- Delayed Start
- Data Archiving
- Automatic Safety Valve Testing

Classic Version - Ideal for Liquid Loads, Media etc.

This is the ideal model for all standard traditional laboratory sterilization procedures.

Water fill is manual; during the cycle condensate leaves the vessel via a silicone tube that can be connected to a heat resistant bottle. Ideal for use with media or liquid loads.

AutoFill Version - Ideal for all Laboratory Applications

AutoFill is fitted as standard

A pulsed-heat drying system, which is adjustable in 5 minute steps, is available when running a non-fluid cycle. The integral reservoir, once filled, provides sufficient water for up to 20 cycles; moreover, the same container also acts as a collection vessel for both condensate and water that is returned from the autoclave chamber at the end of the cycle.

AC/258



Cat No.	Code	Description
AC/25830	AMB420T	Compact classic front loading 30l
AC/25832	AMB430T	Compact classic front loading 40l
AC/25834	AMB440T	Compact classic front loading 60l
AC/25936	AMA440T	Compact classic top loading 60l
AC/25838	AMB220T	Compact autofill front loading 30l
AC/25840	AMB230T	Compact autofill front loading 40l
AC/25842	AMB240T	Compact autofill front loading 60l
AC/25944	AMA240T	Compact autofill top loading 60l

NB – AC/25936 & AC/25944 are mounted on castors as standard