



HAS/100/TDIG



HAS/500/TDIG



Hot Air Sterilisers

Hot air sterilisation provides a proven and efficient way to eliminate all types of microbes - including bacteria, viruses, and moulds - on heat-resistant materials.

Genlab's Hot Air Steriliser Ovens are trusted by hospitals, laboratories, veterinary practices, and medical clinics for the reliable sterilisation of surgical tools, cosmetic instruments, glassware, and petri dishes.

Each unit is equipped with our advanced touchscreen control system, designed for intuitive operation and exceptional precision. The intelligent timer ensures the sterilisation process begins only once the target temperature is reached and automatically pauses if the chamber temperature drops below the set point. This guarantees accurate sterilisation times regardless of load size or chamber capacity.

For enhanced functionality, optional temperature recording is now available across the H.A.S. range.

Features

- 4 sizes (50 to 1000 litres)
- Audible / visual indication for 'End of Cycle'
- Temperature range 40°C to 250°C
(50 to 250°C above 250L models)
- On screen historical trending (48 hours)
- Interactive count down timer
- Manual or automatic overheat reset
- High accuracy PT100B duplex sensors <math><0.8^\circ\text{C}</math>
- Fan assisted circulation
- Easy clean powder coated body
- Stainless steel chamber
- Excellent stability
- Low chamber uniformity
- Adjustable valve for exhaust air regulation
- Energy efficient with integral energy meter
- New - set point lock feature
- Selectable HMI languages 

Options

- Integral Temperature Logger with reporting firmware
- 10 menu x 8 stage profile (& cyclic control)
- Access ports (25, 50, 75 or 100mm)
- Mechanical door lock (supplied with 2 keys)
- Filtered air inlet
- Traceable calibration to national standards
- Bespoke stands and stacking kits
- Extractor unit
- Extended warranty
- Bespoke solutions available upon request
- Castor wheels (only available on 250/350 models,
- fitted as standard on 425/500/650/750/850 and 1000 models)



Design

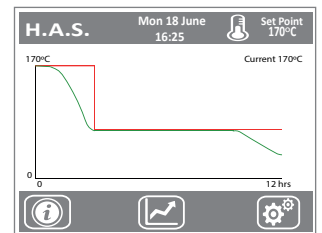
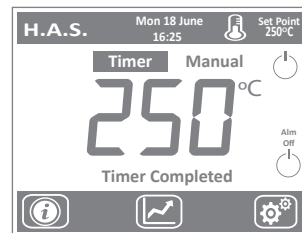
The exterior is constructed from sheet steel and finished in an easy clean powder coated paint. The interior chamber is made from 304 stainless steel and supplied with removeable chrome plated wire shelves for good air circulation. Optional inlet filters are available which prevent small dust particles entering the chamber. Please note this adds 50mm width to the external dimensions below.

Heating

Heated by Incoloy sheathed elements positioned in the side fan duct for all units.

Controls

The control system comprises of a bespoke touch screen user interface that offers both accurate temperature control and an integral overheat system by using 2 individual PT100 sensors. Advanced features can be turned on and off to suit bespoke heating applications and tailored to customer preference. Oven trending is displayed for up to 48 hours and sterilisation sequences can be started from a single button press.



Sizes and Specifications

Genlab Reference Number	Capacity (litres)	Internal Dimensions (H x W x D cm)	External Dimensions (H x W x D cm)	Shelves / Positions	Wattage	Voltage	Weight (kg)
HAS/50/TDIG/SS	50	45 x 36 x 35	61 x 72 x 47	2..3	750	230	35
HAS/75/TDIG/SS	75	45 x 49 x 35	61 x 85 x 47	2..3	1000	230	45
HAS/100/TDIG/SS	100	45 x 49 x 46	61 x 85 x 59	3..4	1000	230	55
HAS/125/TDIG/SS	125	55 x 49 x 46	71 x 85 x 59	3..5	1500	230	65
HAS/150/TDIG/SS	145	55 x 49 x 54	71 x 85 x 67	3..5	1500	230	70
HAS/200/TDIG/SS	200	75 x 49 x 54	91 x 85 x 71	4..7	2000	230	85
HAS/250/TDIG/SS	240	91 x 51 x 52	111 x 93 x 73	5..7	2000	230	90
HAS/350/TDIG/SS	345	91 x 61 x 62	111 x 103 x 83	5..7	2500	230	120
HAS/425/TDIG/SS	425	91 x 61 x 77	120 x 106 x 98	5..7	3000	230	150
HAS/500/TDIG/SS	535	114 x 61 x 77	143 x 106 x 98	5..9	3000	230	165
HAS/650/TDIG/SS	675	114 x 77 x 77	151 x 140 x 98	5..9	6000	415	280
HAS/750/TDIG/SS	760	128 x 77 x 77	166 x 140 x 98	5..10	6000	415	300
HAS/850/TDIG/SS	840	142 x 77 x 77	180 x 140 x 98	5..11	6000	415	320
HAS/1000/TDIG/SS	1005	142 x 77 x 92	180 x 140 x 113	5..11	6000	415	340

Please see product datasheets for dimensional drawings

Ordering

All units have a stainless steel interior with touch screen interface and interactive timer as standard. Where options are required, simply add the option code to the original reference. e.g. **HAS/1000/TDIG** with CAL cert and door lock becomes **HAS/1000/TDIG/SPC/DL**. Contact sales for bespoke options.

Option Codes

AP	Access Ports	DL	Door Lock	FIL	Filtered Air Inlet
SPC	Single Point Calibration	3PC	3 Point Calibration	10PRO	10 menu x 8 profile (inc cyclic)
X1	Extended Warranty	EXT	Extractor Systems	1108	Castor Wheels (250-350L units only)
STAND	Stands	STACK	Stacking Kits	ITL	Integral Temperature Logger