



HAS/100/TDIG



HAS/500/TDIG

## Hot Air Sterilisers

Hot air sterilisation is one method of effectively killing microbes of all kinds, especially bacteria, viruses and moulds on heat-resistant materials. Genlab's hot air steriliser ovens are used in many hospitals, laboratories, veterinary and medical clinics to sterilise surgical and cosmetic instruments, glass and petri dishes. It features our latest touch screen control system, which offers intuitive control and excellent accuracies and features an interactive timer system. This ensures the count down timer does not start until the set point is reached and pauses if the chamber temperature falls below the set point. This ensures the sterilisation time is guaranteed at all times, irrespective of the sterilisation load and chamber volume. Optional temperature recording now available on 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 <0.8°C
- Fan assisted circulation
- Easy clean powder coated body
- Stainless steel chamber
- Excellent stability <0.8°C
- Low chamber uniformity
- Adjustable valve for exhaust air regulation
- Energy efficient with integral energy meter
- New - set point lock feature
- Selectable HMI languages 

HAS-Eng-v01

### 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

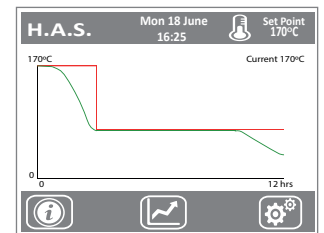
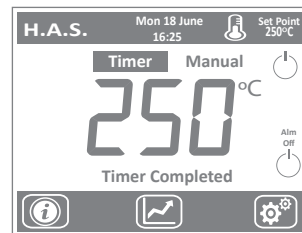
The exterior is constructed from sheet steel and finished in an easy clean powder coated paint. The interior chamber is made from 304 stainless steel and supplied with removeable chrome plated wire shelves for good air circulation. Optional inlet filters are available which prevent small dust particles 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 32 x 35	58 x 68 x 50	2..3	750	230	35
HAS/75/TDIG/SS	75	45 x 49 x 35	58 x 85 x 50	2..3	1000	230	45
HAS/100/TDIG/SS	100	45 x 49 x 46	58 x 85 x 61	3..4	1000	230	55
HAS/125/TDIG/SS	125	55 x 49 x 46	66 x 85 x 61	3..5	1500	230	65
HAS/150/TDIG/SS	145	55 x 49 x 54	66 x 85 x 69	3..5	1500	230	70
HAS/200/TDIG/SS	200	75 x 49 x 54	86 x 85 x 69	4..7	2000	230	85
HAS/250/TDIG/SS	240	91 x 51 x 52	117 x 94 x 69	5..7	2000	230	90
HAS/350/TDIG/SS	345	91 x 61 x 62	117 x 108 x 79	5..7	2500	230	120
HAS/425/TDIG/SS	425	91 x 61 x 77	117 x 110 x 95	5..7	3000	230	150
HAS/500/TDIG/SS	535	114 x 61 x 77	140 x 110 x 95	5..9	3000	230	165
HAS/650/TDIG/SS	675	114 x 77 x 77	140 x 142 x 95	5..9	6000	415	280
HAS/750/TDIG/SS	760	128 x 77 x 77	164 x 142 x 95	5..10	6000	415	300
HAS/850/TDIG/SS	840	142 x 77 x 77	178 x 142 x 95	5..11	6000	415	320
HAS/1000/TDIG/SS	1005	142 x 77 x 92	178 x 142 x 110	5..11	6000	415	340

## 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

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