

HiClave autoclaves

Sophisticated
yet
economical
functionality



Sophisticated yet economical functionality

Open and close at a touch – for safety reasons!

Simply press a button to open and close. However, the lid is not just opened and closed. At first it is only opened for about three inches – the first surge of steam is able to escape – then the lid is completely opened and the internal space is open to usage.

While the lid is moving to the closing position, it pauses shortly before it is completely shut. When the lid is in the final position, the lock is automatically bolted. The bolt is monitored by two independent safety systems. Thus, it is impossible to open the lock unintentionally if it is under pressure.

In combination with the flexible temperature sensor (order no. 51001) the locking system fulfils the requirements of DIN 61010-2 and TRB402 for liquid sterilisation.



Clearly arranged and illuminated

The large program display makes operation simple and instantly shows the most important parameters:
Sterilising temperature and pressure
Sterilising time
Remaining time until program end is reached
The run-down display gives an overview.

3 preselected programs each for:

- Liquids
- AGAR sterilisation, including a residual heat cycle
- Solids
- Steam pot programs

Special programs, e.g. for Durham tubes, can be selected without any problems.

Timer-controlled night-time program.



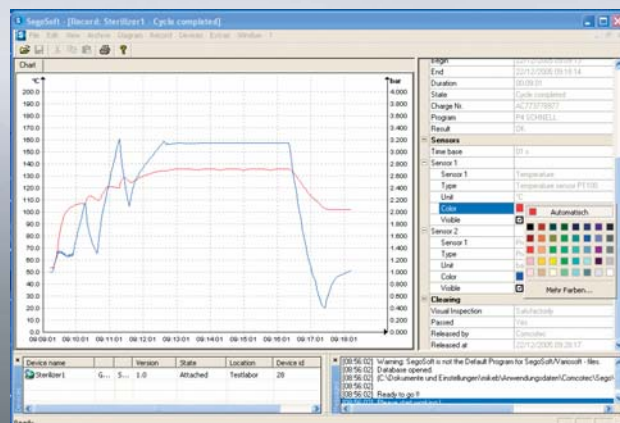
Comfort as standard

A low loading height and a smooth surface make loading and unloading a child's play.

The baskets can not be caught accidentally on bolts or edges, because there are none.

Modern documentation via RS232

Sego® process documentation, automatic paper-free archive, data output as graphics or charts in PDF format and digital signature.



HiClave HG 50/HG 80

Fast cooling as standard

A 100% practical feature and saves up to 40% of the batch time when sterilising liquids: an air cooling that can be switched on during all programs and at any time.

Doubly secured

The locking system includes a monitoring system for pressure and temperature. Sensors monitor the safe locking of the bolt.

It is impossible to unintentionally open the lid.

The opening temperature (an important feature for sterilisation of liquids) can be preselected from 60 – 97°C.

Dual sensor technology

In addition, the high-precision temperature control is pressure-controlled. This makes a controlled excess pressure during the heating phase possible and reduces batch times.



Spent-steam condenser as standard

A state-of-the-art condensation system with a large heat storage facility almost completely reduces the spent-steam emission during the deaeration phase.

The condensate collector can be easily emptied. It is equipped with an electronic filling level indicator on the display.

No water connector is required for the spent-steam condenser!



HG 80

HG 50





HiClave HG 50/HG 80

Technical specifications	HG 50	HG 80
Chamber capacity	50 litre	80 litre
Number of baskets	2	3
Chamber dimensions	364 x 482 H	364 x 730 H
External dimensions (WxDxH)	455 x 691 x 900	455 x 691 x 1030
Operating temperature	105° – 135° C	105° – 135° C
Max. operating pressure	2,5 bar	2,5 bar
Automatic program start	from 1 minute to 7 days	from 1 minute to 7 days
Sterilising time	1 to 250 minutes	1 to 250 minutes
Power	2 kW	3 kW
Connections	AC 220 V / 240 V	AC 220 V / 240 V
Weight	41 kg	82 kg
Lock	Fingertip quick lock	Fingertip quick lock
Marking	CE, TÜV Bayern e.V.	CE, TÜV Bayern e.V.
Vessel material	SUS304 (Stainless steel)	SUS304 (Stainless steel)
Article no.	21001	21002

Accessories

- Thermolock HG 50/80.
- Media-temperature control, incl. flexible temperature sensor (article no. 51001)
- Loading basket HG 50/80, wire mesh Ø 330 mm x 230 mm H (article no. 51009)
- Loading basket HG 50/80 with floor, Ø 330 mm x 230 mm H, (article no. 51010)
- Loading bucket HG 50/80, Ø 330 mm x 230 mm H, (article no. 51008)
- Exhaust-air filter HG 50/80, with in-line sterilisation of filter elements (article no. 51011)
- Automatic water feed HG 50 (article no. 51012)
- Automatic water feed HG 80 (article no. 51013)
- Process documentation SEGOSOFT® Licence for one unit (article no. 51014)

For us, “service” means our concern for the customers:
They are the centre of our attention.

This means that you will profit from our 80 years of experience in sterilisation – experience and knowledge that is available to you when you have complicated tasks to solve in combination with difficult requirements and limited resources. We offer you simple and economical solutions.

And after your purchase?

We deliver punctually and give you a thorough introduction to your new unit. From the initial installation to the maintenance contract, from qualification to validation – we are at your side.

BECAUSE WE AIM ONLY FOR ONE THING – THAT YOU ARE ABLE TO STERILISE PERFECTLY AND EFFORTLESSLY.



**INNOVATION
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