

Steriliser

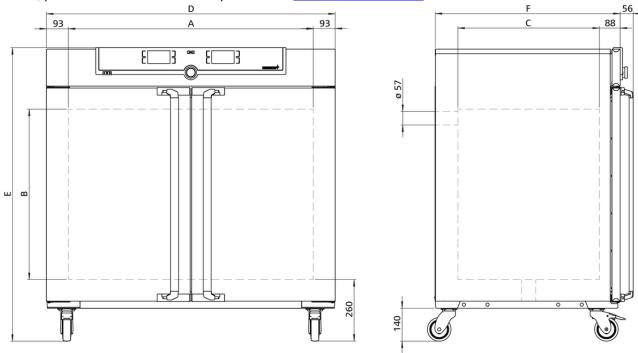
SN450plus

What is hot air sterilisation? This page answers it all along with its features and purpose with a Memmert Steriliser S. Read more to find out.



The indispensable safety feature for this hot air steriliser: Setpoint Wait. This means that the programme for sterilisation only starts when the set temperature has been reached. This feature can also be used with freely positionable Pt100 temperature sensors. Here the sterilisation time only begins when the set temperature has been reached at all measurement points, and reliable sterilisation is guaranteed at all times.

On this page, you can find all the essential technical data on the Memmert hot air steriliser. Our customer relations team will be pleased to help if you want further information. If you should require a customised special solution, please contact our technical specialists at sales@memmert.com.



Setting temperature range Setting accuracy up to 99.9 °C: 0.1 / from 100 °C: 0.5 temperature Working temperature range at least 5 above ambient temperature to +250 °C Temperature sensor 2 Pt100 sensors DIN Class A in 4-wire-circuit for mutual monitoring, taking over functions in case of an error Control technology ControlCOCKPIT TivinDISPLAY, Adaptive multifunctional digital PID-microprocessor controller with 2 high-definition TFT-colour displays. Language setting German, English, Spanish, French, Polish, Czech, Hungarian Timer Digital backwards counter with target time setting, adjustable from 1 minute to 99 days Function HeatBALANCE adapting the distribution of the heating performance of the upper and lower heating circuit from -50 % to +50 % Function SetpointWAIT the process time does not start until the set temperature is reached Calibration three freely selectable temperature values adjustable parameters temperature (Colsius or Fahrenheit), air flap position, programme time, time zones, summertime/wintertime Ventilation Convection natural convection Fresh air Admixture of pre-heated fresh air by electronically adjustable air flap Communication Documentation programme stored in case of power failure Communication Documentation programme stored in case of power failure Amechanical temperature limiter TB, protection class 1 according to DIN 12880 to switch off the heating approx. 20°C above norminal temperature Temperature control overtemperature monitor TWW, protection class 3, or adjustable temperature limiter TWB, protection class 2, selectable on display AutoSAFETY additionally integrated over- and undertemperature monitor 'AWF, justomatically following the setpoint value at a preset tolerance range, alarm in case of over- or undertemperature, heating is switched off in case of over- or undertemperature, heating is switched off in case of over- or undertemperature, heating is switched off in case of over- or undertemperature, heating is switched off in case of over- or undertemperature, he	Temperature	
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	AutoSAFETY	value at a preset tolerance range, alarm in case of over- or undertemperature, heating is switched off
Alarm visual and acoustic	Autodiagnostic system	for fault analysis
	Alarm	visual and acoustic

Standard equipment

Internals	2 stainless steel grid(s), electropolished
Works calibration certificate	Calibration at +160°C
Door	fully insulated stainless steel doors with2-point locking (compression door lock), lockable

Stainless steel interior

Interior	easy-to-clean interior,made of stainless steel, reinforced by deep drawn ribbing with integrated and protected large-area heating on four sides
Volume	449
Dimensions	w _(A) x h _(B) x d _(C) : 1040 x 720 x 600 mm
Max. number of internals	8
Max. loading of chamber	300 kg
Max. loading per internal	30 kg

Textured stainless steel casing

Dimensions	w _(D) x h _(E) x d _(F) : 1224 x 1247 x 784 mm (d +2x56mm door handle)
Installation	on lockable castors
Housing	rear zinc-plated steel

Electrical data

Voltage	400 V, 3 phases, 50 Hz approx. 5800 W
Electrical load	

Ambient conditions

Set Up	The distance between the wall and the rear of the appliance must be at least 15 cm. The clearance from the ceiling must not be less than 20 cm and the side clearance from walls or nearby appliances must not be less than 5 cm.
Altitude of installation	max. 2,000 m above sea level
Ambient temperature	+5 °C to +40 °C
Humidity rh	max. 80 %, non-condensing
Overvoltage category	II
Pollution degree	2

Packing/shipping data

Transport information	The appliances must be transported upright
Customs tariff number	8419 8998
Country of origin	Federal Republic of Germany
WEEE-RegNo.	DE 66812464
Dimensions approx incl. carton	w x h x d: 1330 x 1440 x 1050 mm
Net weight	approx. 161 kg
Gross weight carton	approx. 227 kg

Standard units are safety-approved and bear the test marks





