memmert

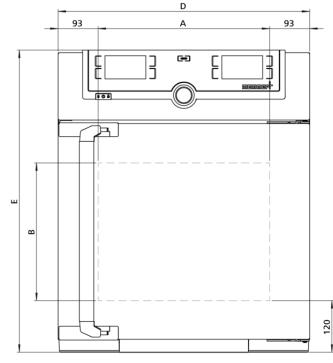
SN30plus

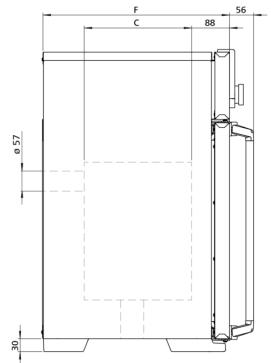
Sterilisation instead of disinfection of instruments in the laboratory. The steriliser complies with all relevant standards and regulations for medical devices.



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 <u>sales@memmert.com</u>.





Temperature

Setting temperature range	+20 to +250 °C	
Setting accuracyup to 99.9 °C: 0.1 / from 100 °C: 0.5temperature		
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

TwinDISPLAY. Adaptive multifunctional digital PID-microprocessor controller with 2 high-definition TFT-colour displays.	
Digital backwards counter with target time setting, adjustable from 1 minute to 99 days	
the process time does not start until the set temperature is reached	
three freely selectable temperature values	
adjustable parameters temperature (Celsius 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
Vent	vent connection with restrictor flap

Communication		
Documentation	programme stored in case of power failure AtmoCONTROL software on a USB stick for programming, managing and transferring programmes via Ethernet interface or USB port	
Programming		
Safety		
Temperature control	mechanical temperature limiter TB, protection class 1 according to DIN 12880 to switch off the heating approx. 20°C above nominal temperature	
Temperature control	overtemperature monitor TWW, protection class 3.1 or adjustable temperature limiter TWB, protection class 2, selectable on display	
AutoSAFETY	additionally integrated over- and undertemperature monitor "ASF", automatically following the setpoint value at a preset tolerance range, alarm in case of over- or undertemperature, heating is switched off in case of overtemperature	
Autodiagnostic system	for fault analysis	
Alarm	visual and acoustic	

Standard equipment

Works calibration certificate	Calibration at +160°C	
Door	fully insulated stainless steel door with 2-point locking (compression door lock)	
Internals	1 stainless steel grid(s), electropolished	

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	32
Dimensions	w _(A) x h _(B) x d _(C) : 400 x 320 x 250 mm
Max. number of internals	3
Max. loading of chamber	60 kg
Max. loading per internal	20 kg

Textured stainless steel casing

Dimensions	w _(D) x h _(E) x d _(F) : 585 x 704 x 434 mm (d +56mm door handle)
Housing	rear zinc-plated steel

Electrical data

Voltage Electrical load	230 V, 50/60 Hz approx. 1600 W	
Voltage Electrical load	115 V, 50/60 Hz approx. 1600 W	

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: 660 x 890 x 650 mm
Net weight	approx. 46 kg
Gross weight carton	approx. 62 kg

Standard units are safety-approved and bear the test marks

