



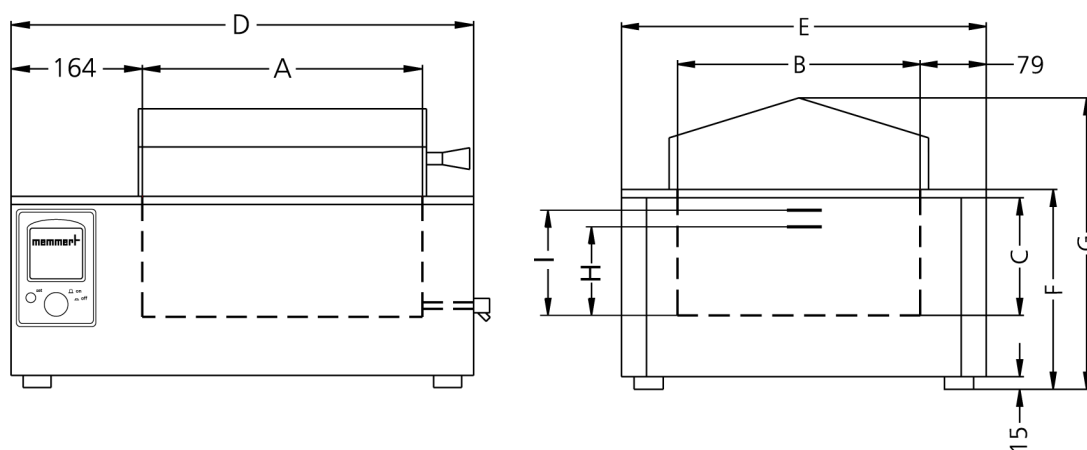
Oilbath

ONE 14

Absolute safety for laboratory and samples, even at high temperatures through corrosion-resistant stainless steel, precise electronics and multiple temperature protection.



On this page, you can find all the essential technical data on the Memmert oil bath. 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 myAtmoSAFE@memmert.com.



Control of standard components

Timer	digital timer from 1 min. up to 999 hours for: ON (continuous operation), DELAYED ON, HOLD or HOLD set-temperature dependent with guaranteed holding time
Controller	digital display (LED) of all set parameters, such as temperature and alarm values (0,1°C resolution) as well as time values

Temperature

resolution of display and setting $\pm 0,1^\circ\text{C}$ below $99,9^\circ\text{C}$, 1°C above 100°C

Temperature range in °C	min. 5°C above ambient up to $+200^\circ\text{C}$
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Control technology

Calibration	on controller
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Safety

Autodiagnostic system	fuzzy-supported PID microprocessor controller with integrated autodiagnostic system with fault indication
Temperature control	2 Pt100 sensors Class A in 4-wire-circuit, mutually monitoring and taking over the performance at the same temperature value
Alarm	audible and visual alarm at programme end and as input acknowledgement as well as in case of low liquid level, heating is switched off automatically
Temperature control	in case of overtemperature due to failure, the heating is switched off at approx. 10°C above the set temperature (fixed value)
Temperature control	independently working, electronic overtemperature temperature limiter TWB protection class 2
Temperature control	mechanical temperature limiter TB protection class 1 switching the heating off at approx. 30°C above max. temperature of the bath

Heating concept

corrosion-proof large-area heating on three sides

Standard equipment

Interior	material 1.4301 (ASTM 304), corrosion resistant
Interior	easy-to-clean interior, made of stainless steel, reinforced by deep drawn ribbing, material no. 1.4301 (ASTM 304), laser-welded

Stainless steel interior

$w_{(A)} \times h_{(B)} \times d_{(C)}$: 290 x 140 x 350 mm
Volume 0 l

Textured stainless steel casing

$w_{(D)} \times h_{(E)} \times d_{(F)}$: 436 x 238 x 578 mm

Electrical data

approx. 1800 W (during heating)

230 V, 50/60 Hz

Packing/shipping data

the appliances must be transported upright

Customs tariff number 8419 8998

Country of origin Federal Republic of Germany

WEEE-Reg.-No. DE 66812464

Dimensions approx incl. carton B x H x T: 670 x 530 x 400 mm

Net weight approx. 15 kg

Gross weight carton approx. 19 kg