Waterbath
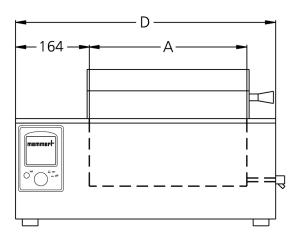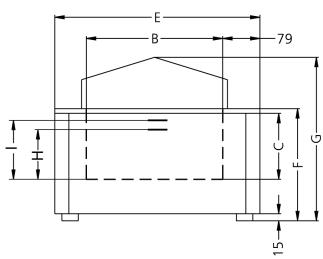
WNE 22

The combination of corrosion-resistant stainless steel, precise electronics and multiple temperature protection guarantees the highest level of safety in the laboratory.

On this page, you can find all the essential technical data on the Memmert water 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 dependentwith guaranteed holding time
Controller	digital display (LED) of all set parameters, such astemperature and alarm values (0,1°C resolution)as well as time values

Temperature

resolution of display and setting accuracy	+0,1°C below 99,9°C, 1°C above 100°C
Temperature range in °C	min. 5°C above ambient up to +95°C with additional boiling mode (+100°C)

Control technology

Calibration	on controller

Safety

Autodiagnostic system	fuzzy-supported PID microprocessor controllerwith integrated autodiagnostic system withfault indication
Temperature control	2 Pt100 sensors Class A in 4-wire-circuit,mutually monitoring and taking over theperformance at the same temperature value
Alarm	visual and acoustic alarm at programme endand as input acknowledgement as well asin case of low liquid level,heating is switched off automatically
Temperature control	independently working, electronicovertemperature controller TWWprotection class 3.1 or overtemperaturelimiter TWB protection class 2, adjustablein set-up menu by customer
Temperature control	in case of overtemperature due to failure,the heating is switched off at approx. 10°Cabove the set temperature (fixed value)
Temperature control	mechanical temperature limiter TB protectionclass 1 switching the heating off at approx. 30°Cabove 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 stainlesssteel, reinforced by deep drawn ribbing,material no. 1.4301 (ASTM 304), laser-welded

Stainless steel interior

Dimensions W x H x D in mm	$w_{(A)}$ x $h_{(B)}$ x $d_{(C)}$: 350 x 290 x 220 mm
	Volume 22 l

Textured stainless steel casing

	$w_{(D)}$ x $h_{(E)}$ x $d_{(F)}$: 578 x 436 x 296 mm

Electrical data

Voltage	230 V, 50/60 Hz
Electrical load	approx. 2000 W (during heating)

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 460 mm
	Net weight approx. 16 kg
	Gross weight carton approx. 23 kg

Standard units are safety-approved and bear the test marks