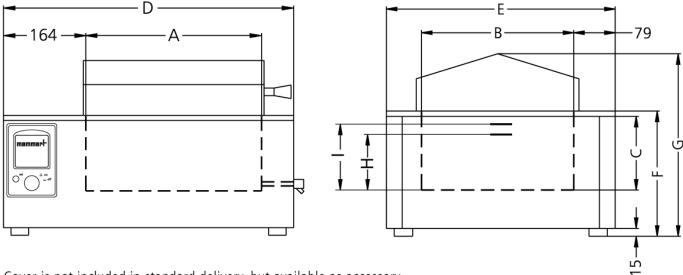


## **WNE 10**

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 sales@memmert.com.



Cover is not included in standard delivery, but available as accessory.

Temperature
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Setting temperature range	+10 to +95 °C and boiling stage
Working temperature range in °C	min. 5 above ambient up to +95 °C with additional boiling mode
resolution of display and setting accuracy	0,1°C up to +99,9°C / 1°C from 100°C

# **Control of standard components**

Controller	digital display (LED) of all set parameters, such astemperature and alarm values (0,1°C resolution)as well as time values
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
Calibration	on controller

## Safety

Temperature sensor	2 Pt100 sensors Class A in 4-wire-circuit, mutually monitoring and taking over the performance at the same temperature value
Temperature control	mechanical temperature limiter TB protectionclass 1 switching the heating off at approx. 30°Cabove max. temperature of the bath
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)
Autodiagnostic system	fuzzy-supported PID microprocessor controllerwith integrated autodiagnostic system withfault indication
Alarm	visual and acoustic alarm at programme endand as input acknowledgement as well asin case of low liquid level, heating is switched off automatically

# **Heating concept**

Heating Baths corrosion-proof large-area heating onthree sides

## Stainless steel interior

Dimensions	I <sub>(A)</sub> x w <sub>(B)</sub> x h <sub>(C)</sub> : 350 x 210 x 140 mm
Interior	easy-to-clean interior, made of stainlesssteel, reinforced by deep drawn ribbing,material no. 1.4301 (ASTM 304), laser-welded
Volume	10
Liquid level min.	97 mm
Liquid level max.	120 mm

#### **Textured stainless steel casing**

**Dimensions**  $w_{(D)} \times h_{(G)} \times d_{(E)} = 578 \times 337 \times 356 \text{ mm}$ 

#### **Electrical data**

**Voltage** 230 V, 50/60 Hz

Electrical load approx. 1200 W (during heating)

#### **Ambient conditions**

Installation The vent openings in the left and back side must remain unobstructed. The distance to the wall must

be at least 100 mm on the sides and at least 150 mm to the rear. The minimum spacing from the top  $\frac{1}{2}$ 

of the bath to the next ceiling is 750 mm.

Ambient temperature +5 °C to +40 °C

Humidity rh max. 80 %, non-condensing

Overvoltage category ||

Pollution degree 2

Water bath

### Packing/shipping data

Transport information 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.** w x h x d: 670 x 450 x 380 mm

carton

Net weight approx. 13 kg

Gross weight carton approx. 19 kg

### Standard units are safety-approved and bear the test marks



