



Product specification

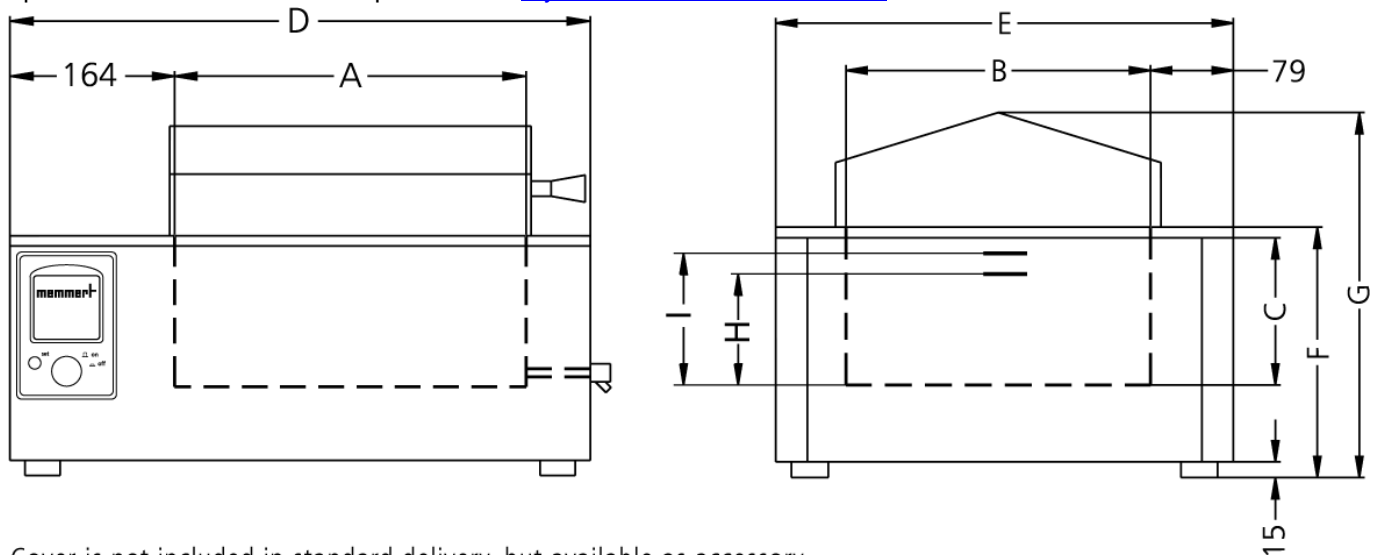
Waterbath

WNB 29

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.



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

Temperature

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|-------------------------|--|
| Temperature range in °C | min. 5°C above ambient up to +95°C with additional boiling mode (+100°C) |
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Control of standard components

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| Temperature | 1 Pt100 sensor class A in 4-wire-circuit |
| Timer | integrated digital timer from 1 min. to 99,99 hours for: ON continuous operation WAIT (delayed on for continuous and limited timed operation) HOLD |

Safety

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|-----------------------|---|
| Temperature control | mechanical temperature limiter TB protection class 1 switching the heating off at approx. 30°C above max. temperature of the bath |
| Temperature control | in case of overtemperature due to failure, the heating is switched off at approx. 10°C above the set temperature (fixed value) |
| Autodiagnostic system | microprocessor PID-temperature controller with integrated autodiagnostic system with fault indicator |

Heating concept

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| Heating Baths | corrosion-proof large-area heating on three sides |
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Standard equipment

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| Controller | digital display (LED) of set and actual temperature (0,1°C resolution) and of (remaining) programme time |
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Stainless steel interior

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|----------------------------|---|
| Dimensions W x H x D in mm | $w_{(A)} \times h_{(C)} \times d_{(B)}$: 590 x 140 x 350 mm |
| Interior | easy-to-clean interior, made of stainless steel, reinforced by deep drawn ribbing, material no. 1.4301 (ASTM 304), laser-welded |
| Volume | 29 l |
| Liquid level min. | (H) 105 mm |
| Liquid level max. | (I) 120 mm |

Textured stainless steel casing

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| Dimensions | $w_{(D)} \times h_{(G)} \times d_{(E)}$: 818 x 343 x 516 mm |
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Electrical data

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|------------------------|---------------------------------|
| Voltage | 230 V, 50/60 Hz |
| Electrical load | approx. 2400 W (during heating) |

Ambient conditions

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|-----------------------------|---|
| Installation | The vent openings in the left and back side must remain unobstructed. Minimum wall spacing on all sides is 80 mm. The minimum spacing from the top 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 | 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-Reg.-No. | DE 66812464 |
| Dimensions approx incl. carton | w x h x d: 910 x 610 x 400 mm |
| Net weight | approx. 24 kg |
| Gross weight carton | approx. 31 kg |

Standard units are safety-approved and bear the test marks

