



- the further development of F-BOB -

Testomat® 808 has been designed for use in the field of water treatment (e.g. osmosis plants, electroplating, large boiler plants, laundries, canteen kitchens). The feed water must be clear, colorless, and free of undissolved particles. The instrument is a limit value measuring instrument which automatically monitors the residual total hardness (water hardness) in water. The limit value to be monitored is determined by selecting the indicator here.

Performance features of Testomat® 808:

- Self-cleaning measuring chamber
- Low water consumption
- Cutting-edge electronics
- State-of-the-art indicator pump system
- Error display

- Indicator quantity display
- External flush valve control
- Limit value evaluation / External control
- Alarm processing
- Internal and external flushing via manual control
- 72 hours of unsupervised operation possible
- Selection between two indicator bottle sizes
- Two selector switches for interval measurement and limit value evaluation

Available indicators:

Type	Parameter	Limit value
300 0,02 °dH 0,00356 °mmol/l	Residual hardness 0,0356 °fH 0,356 ppm CaCO ₃	
300 S	Residual hardness	0,05 °dH 0,089 °fH
301	Residual hardness	0,1 °dH 0,178 °fH
302	Residual hardness	0,2 °dH 0,356 °fH
303	Residual hardness	0,3 °dH 0,534 °fH

305	Residual hardness	0,5 °dH	0,89 °fH
310	Residual hardness	1 °dH	1,78 °fH
320	Residual hardness	2 °dH	3,56 °fH
330	Residual hardness	3 °dH	5,34 °fH

Technical data:

Power supply: 230V, 50 – 60 Hz

Instrument protection 230 – 240 V: T0.1 A

Mains protection for consumers: max. 4 A (n , l)

Power consumption: max. 16 VA, without external load

Protection class: I

Degree of protection: IP 54

Conformity: EN 61000-6-2, EN 61000-6-4, EN 61010-1

'Ambient temperature: 10 - 40°C

Current interface: Output of defined values (5, 8, 11, 14, 17, 20 mA) for displaying status and error mes-sages, max. load 500 Ohms

Contact load Relay 230V / 4A AC ohm resistive load

Dimensions: W x H x D = 364 x 314 x 138 mm

Weight: 4,350 g

Mains water supply:

Operating pressure: 1 - 4 bar / 1×10^5 to 4×10^5 Pa depending on design (a pressure reducer (special accessories) should be used from 4 to 8 bar range)

Water inlet: Opaque hose with 6 mm external diameter/4 mm internal diameter

Water outlet: Opaque hose with 6 mm external diameter/4 mm internal diameter

Water temperature: 10 to 40°C