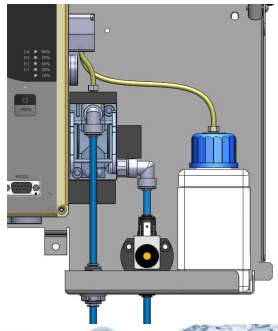
INNOVATIONS

TESTOMAT® 808

- 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
- Choose between 10 different limit values
- Choose between interval pause from 0-60 minutes to lower indicator consumption



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TESTOMAT® 808

AROUND-THE-CLOCK ANALYSIS WITH MINIMAL MAINTENANCE

HEYL BROTHERS
North America L.P.
Water is our Element

PERFORMANCE FEATURES

OVERVIEW OF TESTOMAT® 808

Testomat® 808 is a limit value measuring instrument which automatically monitors total hardness in water for 24-hours a day and reacts immediately to the smallest deviations. The Testomat® 808, like any analysis equipment from the Testomat® family, is characterized by:

- Simplicity
- High serviceability
- Reliability
- Longevity

Analyses are performed in automatic interval mode, while the interval pause can be set from 0-60 minutes according to your specific needs. Additional analyses can be started manually on the device itself or remotely via external control.

The online analysis instrument Testomat® 808 can indicate through an alarm that the water quality has exceeded the defined limits so that staff can respond accordingly. Analysis results or states can be registered in a control room via an analog interface.

Alternatively, the Testomat® 808 is able to give a signal to a controller, e.g. a desalination plant or a filter, so that the deviations in water quality will be automatically corrected.

The 72 hours monitoring mode (BOB-operation) allows for a secure non-stop surveillance on the weekends or during holidays. The Testomat® 808 calculates in advance, whether there is still enough indicator available for the remaining time period.

Testomat® 808 can be used in numerous areas where water hardness needs to be checked.
These include, for example:

- Electroplating
- Large boiler plants
- Osmosis plants
- Laundries
- Canteen kitchens and many more

AVAILABLE INDICATORS

FOR THE TESTOMAT® 808

The following indicators with various limit values are available for the Testomat® 808:

Indicator type	Color change at a limit value (total hardness) of
300	0.4 ppm $CaCO_3$
300 S	0.9 ppm $CaCO_3$
301	1.8 ppm $CaCO_3$
302	3.6 ppm $CaCO_3$
303	5.4 ppm $CaCO_3$
305	9 ppm $CaCO_3$
310	18 ppm $CaCO_3$
320	36 ppm $CaCO_3$
330	54 ppm $CaCO_3$
350	89 ppm $CaCO_3$

Our 500 ml bottles have a range of up to 6500 analyses per bottle.

TECHNICAL DATA

OF THE TESTOMAT® 808

Power supply: 24 / 115 / 230 VAC, 50 – 60 Hz
Instrument protection: 230 – 240 V: T0.1 A
Instrument protection: 115 V: T0.2 A
Instrument protection: 24 V: T0.8 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 44

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

Ambient temperature: 10 – 40 °C / 50 - 104°F

Measuring range: Due to indicator selection, it is possible to determine limit values for the total hardness of 0.4 – 89.0ppm $CaCO_3$

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

Contact load relay: 230V / 4A AC ohm resistive load

Dimensions: W x H x D = 14.3 x 12.4 x 5.4 inch

Weight: 4350 g / 9.59 lb.

Mains water supply

Operating pressure: Depending on product configuration: 0.3 to 1 bar / 4.4 to 15.4 psi ; 1 to 4 bar / 14.5 to 58 psi (a pressure reducer (special accessory) should be used from 4 to 8 bar / 58 to 116 psi range)

Water temperature: 10 – 40°C / 50 to 104 °F (a cooler should be installed in the branch line for temperatures above 40°C / 104 °F)

Water inlet and outlet: Opaque hose with 0.24 in. external diameter/ 0.16 in. internal diameter