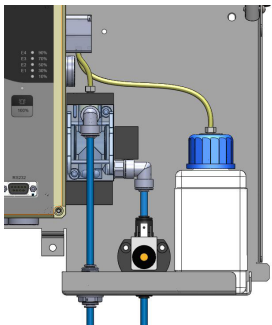


## INNOVATIONS

### 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



Scan the code and  
visit us on our website!

## COMPANIES OF THE HEYL NETWORK

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Flyer Testomat 808 GB 210826

## TESTOMAT® 808

AROUND-THE-CLOCK ANALYSIS WITH  
MINIMAL MAINTENANCE



**GEBRÜDER HEYL**  
Analysentechnik GmbH & Co. KG  
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 characterised 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 analogue 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 Testomat® 808:

Indicator type	Color change at a limit value (residual hardness) of
300	0.02°dH = 0,4ppm CaCO <sub>3</sub> = 0.04°f
300 S	0.05°dH = 0,9ppm CaCO <sub>3</sub> = 0.09°f
301	0.1°dH = 1,8ppm CaCO <sub>3</sub> = 0.18°f
302	0.2°dH = 3,6ppm CaCO <sub>3</sub> = 0.36°f
303	0.3°dH = 5,4ppm CaCO <sub>3</sub> = 0.54°f
305	0.5°dH = 9ppm CaCO <sub>3</sub> = 0.9°f
310	1°dH = 18ppm CaCO <sub>3</sub> = 1.8°f
320	2°dH = 36ppm CaCO <sub>3</sub> = 3.6°f
330	3°dH = 54ppm CaCO <sub>3</sub> = 5.4°f
350	5°dH = 89ppm CaCO <sub>3</sub> = 8,9°f

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

BS EN 61000-6-2, BS EN  
61000-6-4+A1, BS EN 61010-1+A1

**Ambient temperature:** 10 – 40 °C

**Measuring range:** Due to indicator selection, it is possible to determine limit values for the residual hardness of 0.02 – 3.0 °dH\*

**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 / 4AAC ohm resistive load

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

**Weight:** 4350 g .

### Mains water supply

**Operating pressure:** Depending on product configuration: 0.3 to 1 bar; 1 to 4 bar (a pressure reducer (special accessory) should be used from 4 to 8 bar range)

**Water temperature:** 10 – 40°C (a cooler should be installed in the branch line for temperatures above 40°C)

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

