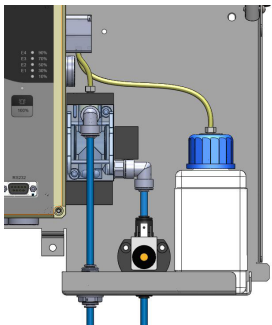


INNOVATIONS

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

Germany

**Gebrüder Heyl Vertriebsgesellschaft
für innovative Wasseraufbereitung mbH**
www.heylnemeris.de
Phone: +49 (0) 51 21 76 09 0
Fax: +49 (0) 51 21 76 09 44
Email: vertrieb@heylnemeris.de

France

Heyl Analysis Technologies
www.hey-at.com
Phone: +33 (0) 1 69 46 17 17
Fax: +33 (0) 1 69 46 17 40
Email: contact@hey-at.com

The Netherlands

Pro Water B.V.
www.prowater.nl
Phone: +31 (0) 74 2 91 51 50
Fax: +31 (0) 74 2 91 53 50
Email: info@prowater.nl

USA

Heyl Brothers North America L.P.
www.heylbros.de
Phone: +1 (0) 312 377 61 23
Fax: +1 (0) 312 644 07 38
Email: sales@heylbros.com

Switzerland

BWT AQUA AG
www.bwt-aqua.ch
Phone: +41 (0) 61 755 88 99
Fax: +41 (0) 61 755 88 90
Email: info@bwt-aqua.ch

Production and Development

**Gebrüder Heyl Analysentechnik GmbH &
Co. KG**
www.heylanalysis.de
Phone: +49 (0) 51 21 2 89 33 0
Fax: +49 (0) 51 21 2 89 33 67
Email: info@heylanalysis.de

Flyer Testomat 808 EN 220228

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 ₃ = 0.04°f
300 S	0.05°dH = 0,9ppm CaCO ₃ = 0.09°f
301	0.1°dH = 1,8ppm CaCO ₃ = 0.18°f
302	0.2°dH = 3,6ppm CaCO ₃ = 0.36°f
303	0.3°dH = 5,4ppm CaCO ₃ = 0.54°f
305	0.5°dH = 9ppm CaCO ₃ = 0.9°f
310	1°dH = 18ppm CaCO ₃ = 1.8°f
320	2°dH = 36ppm CaCO ₃ = 3.6°f
330	3°dH = 54ppm CaCO ₃ = 5.4°f
350	5°dH = 89ppm CaCO ₃ = 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

