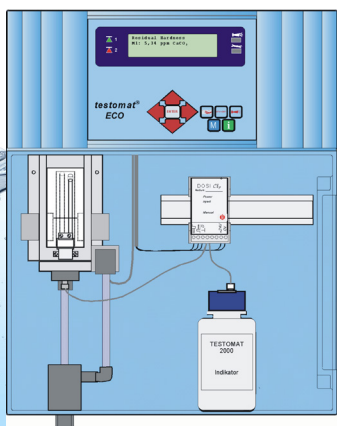


## FUNCTIONAL OVERVIEW

### TESTOMAT ECO®

- Quick menu navigation
- 2 x 16 digit LCD clear text display
- Programmable hardness unit in °dH, °f, ppm CaCO<sub>3</sub>, mmol/l
- Accurate titration via piston-dosing pump
- Reliable low maintenance operation
- Minimum indicator and water consumption
- Two adjustable limit values with programmable switch functions
- Analysis start:
  - automatic interval mode
  - quantity-dependent (impulse or turbine water meter)
  - external analysis STOP
- Output for alarm messages
- Monitoring of the analysis run and error display (e.g. low water)
- Indicator storage bottle 500 ml for extended operating periods
- Analog output 0/4 - 20 mA



## COMPANIES OF THE HEYL NETWORK

### Germany

**Gebrüder Heyl Vertriebsgesellschaft  
für innovative Wasseraufbereitung mbH**

[www.heylnemeris.de](http://www.heylnemeris.de)

Phone: +49 (0) 51 21 76 09 0

Fax: +49 (0) 51 21 76 09 44

Email: [vertrieb@heylnemeris.de](mailto:vertrieb@heylnemeris.de)

### France

**Heyl Analysis Technologies**

[www.hey-at.com](http://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](mailto:contact@hey-at.com)

### The Netherlands

**Pro Water B.V.**

[www.prowater.nl](http://www.prowater.nl)

Phone: +31 (0) 74 2 91 51 50

Fax: +31 (0) 74 2 91 53 50

Email: [info@prowater.nl](mailto:info@prowater.nl)

### USA

**Heyl Brothers North America L.P.**

[www.heylbros.de](http://www.heylbros.de)

Phone: +1 (0) 312 377 61 23

Fax: +1 (0) 312 644 07 38

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### Switzerland

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### Production and Development

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Flyer Testomat ECO GB 210222

## TESTOMAT ECO®

UNIVERSAL INSTRUMENT FOR  
WATER HARDNESS MEASUREMENTS



**GEBRÜDER HEYL**  
Analysentechnik GmbH & Co. KG  
Water is our Element

## PERFORMANCE FEATURES

### OVERVIEW OF TESTOMAT ECO®

Testomat ECO® determines water hardness fully automatically via titration. The instrument is ideal for monitoring and checking water quality in

- Water treatment plants / water softening – reverse osmosis
- Drinking water plants
- Well water / Drinking water providers
- Large boilers
- Product and feed water, e.g. in
  - o hospitals
  - o hotels
  - o pharmaceutical industry
  - o industry

Testomat ECO® is a cost-effective alternative to Testomat 2000®.

The performance capacity of Testomat ECO® is just as good as the more complex Testomat 2000®, as they both employ the same analysis method.

Thanks to an increased level of specialization and thus less variations overall, you receive a fully developed measuring instrument for one specific scope of application:

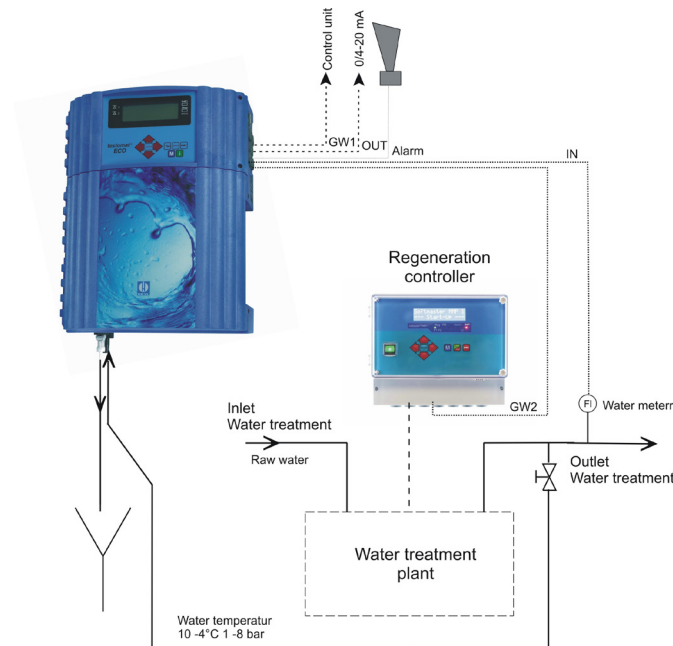
#### Water hardness measuring



Scan the code and visit us on our website!

## INSTALLATION DIAGRAM

### FOR THE TESTOMAT ECO®



Please refer to our 4-page Testomat ECO® brochure for information on guideline VDI 2035, Sheet 1 and Sheet 2, regarding the prevention of damage caused by scale formation and corrosion in water heating installations and hot water heating systems.

## TECHNICAL DATA

### OF THE TESTOMAT ECO®

**Power supply:** 24/115/230 VAC, 50 - 60 Hz  
Instrument protection: 230 V: T0.16 A  
Instrument protection: 115 V: T0.315 A  
Instrument protection: 24 V: T1.0 A

**Power consumption:** max. 25 VA, without external load

**Protection class:** I

**Degree of protection:** IP 65

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



**Ambient temperature:** 10 – 45 °C

**Measuring range:** Determinable measuring of total hardness (water hardness) via indicator selection

**Current interface:** 0/4 – 20 mA, max. load 500 Ohms

**Dimensions:** W x H x D = 380 x 480 x 280 mm

**Weight:** approx. 9,0 kg

The instrument is non volatile.

#### Mains water supply

**Operating pressure:** 1 to 8 bar or 0.3 to 1 bar after removing of the valve body out of the regulator/filter housing

**Water temperature:** 10 – 40°C

**Water inlet:** Opaque hose with 6/4x1 mm. external diameter

**Water outlet:** Hose with an internal diameter of 12 mm