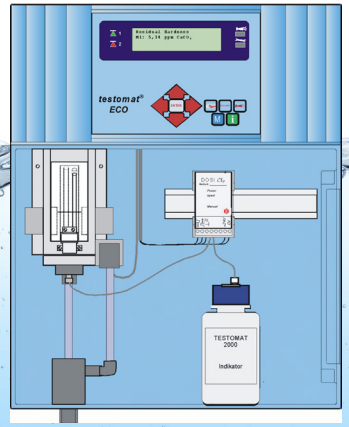
FUNCTIONAL OVERVIEW

TESTOMAT ECO®

- Intuitive menu navigation
- Clear LCD display shows values in real time
- Values of total hardness can be shown in ppm $CaCo_3$, mmol/l, °dH, °f
- Precise piston-dosing pump for titration process and colorimentric measurement
- Reliable low-maintenace operation
- Maintenance can be done by operator (no service contract needed)
- Low indicator and water consumption
- Two adjustable limit values with programmable switch functions
- Analyzer provides an alarm when total hardness exceeds set limits
- Customizable interval time between 1-99 min
- 50 ml Indicator bottle for extended operating periods
- output signal 0/4 - 20 mA and dry contact
- automatic water softener regeneration
- operates automatically for up to 72 hours (BOB operation)



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TESTOMAT ECO®

WATER HARDNESS MONITOR - ONLINE ANALYZER

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

PERFORMANCE FEATURES

OVERVIEW OF TESTOMAT ECO®

The Testomat ECO® determines the total water hardness automatically via a titration process. The instrument is ideal for monitoring water quality in the following applications:

- Water treatment plants / water softening – reverse osmosis systems
- Public water systems
- Well water / Drinking water suppliers
- Boiler houses
- Product and feed water in
    - o hospitals
    - o hotels
    - o pharmaceutical applications
    - o industrial applications

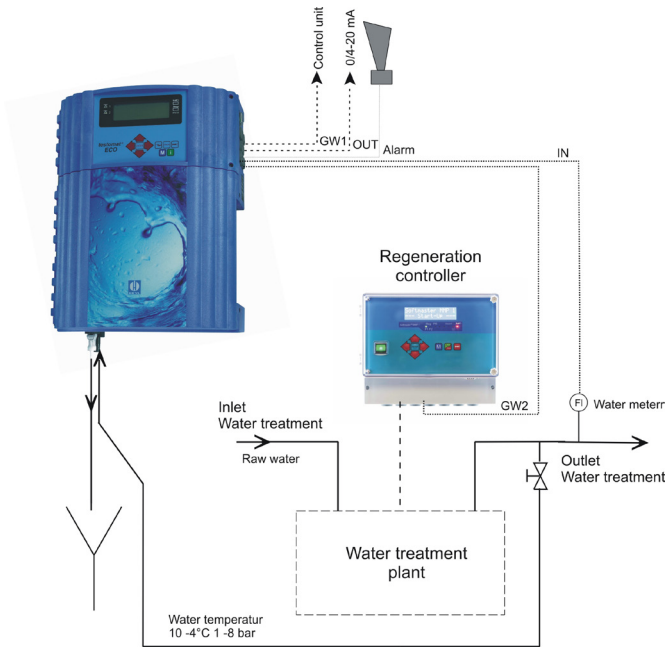
The performance of the ECO® is as efficent and accurate as our flagship analyzer, the Testomat 2000® . Both use the same analysis method.

Due to decades of experience and the high level of specialization, the Testomat ECO® is a cutting edge measuring instrument, suitable to meet a variety of needs.

Water hardness measuring

INSTALLATION DIAGRAM

FOR THE TESTOMAT ECO®



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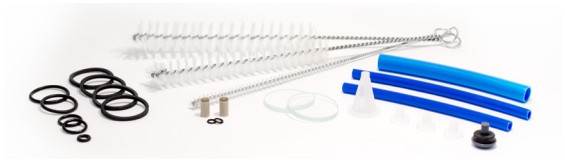

Indicators for Testomat ECO®

Type	ppm $CaCO_3$
TH 2005	0.89 - 8.93
TH 2025	4.48 - 44.8
TH 2100	17.9 - 179
TH 2250	44.8 - 448

TECHNICAL DATA

OF THE TESTOMAT ECO®

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

CE

Measuring range: 0.89 - 448 ppm
Choose between 4 different indicators

Output signals: 0/4 - 20 mA for displaying ppm of hardness and maintenace messages, max. load 500 Ohms and dry contact

Dimensions: W x H x D = 18.9 x 14.9 x 11 inch

Weight: 20 lb.

Ambient temperature: 50 - 104 °F

Water supply

Operating pressure:4.4 to 15.4 psi or 14.5 to 116 psi after removing included inlet valve

Water temperature: 50 to 104 °F (a cooler can be installed for temperatures above (104 °F)

Water inlet: 1/4-in inlet fitting

Water outlet: Opaque hose with an internal diameter of 0.55 inch