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testomat[®] ECO

- On-line analysis unit to monitor a selected range of water values

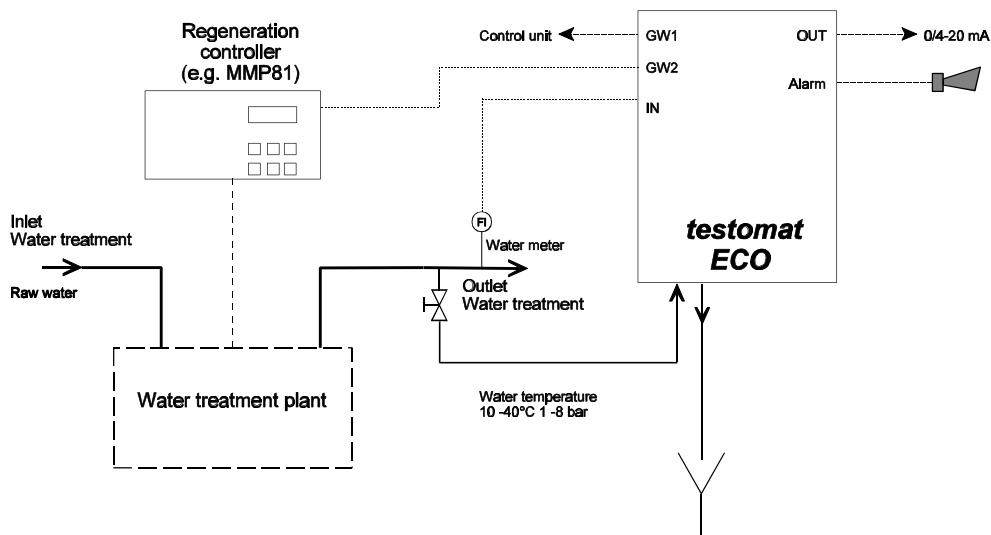
The **testomat[®] ECO** automatically determines residual/total water hardness via titration. Ideal for monitoring water quality of water treatment, water blending and drinking-water plants.

Performance feature of the **testomat[®] ECO**:

- Menu-driven, programmable functions in clear LCD text display
- Programmable hardness unit in °dH, °f, ppm CaCO₃, mmol/l
- Measuring range:

Parameter	Reagent type	°dH	°f	ppm CaCO ₃	mmol/l
Water hardness	TH 2005	0.05 - 0.50	0.09 - 0.89	0.89 - 8.93	0.01 - 0.09
Water hardness	TH 2025	0.25 - 2.50	0.45 - 4.48	4.47 - 44.7	0.04 - 0.45
Water hardness	TH 2100	1.0 - 10.0	1.79 - 17.9	17.9 - 179	0.18 - 1.79
Water hardness	TH 2250	2.5 - 25.0	4.48 - 44.8	44.8 - 448	0.45 - 4.48

- Accurate titration via piston-dosing pump
- Reliable low maintenance operation
- Minimal reagent and water consumption
- Two adjustable limit values with programmable switch functions
- Analysis initiation:
 - automatic time set intervals (0 - 99 minutes)
 - quantity-dependent (contact- or turbine water meter)
 - external analysis STOP
- Output terminal for alarm (fault messages) e. g. dirty measuring chamber or low reagent level
- Monitoring of an analysis run and error messages, e. g. low water-pressure
- Reagent storage bottle 500 ml for extended operating periods
- Analog terminal 0/4 - 20 mA



Power supply: 230 V or 24 V ± 10 %,
50 - 60 Hz
Power consumption: max. 30 VA
Degree of protection: IP 65
Protection class: I **CE**
Ambient temperature: 10 - 45 °C
Water temperature: 10 - 40 °C

Operating pressure: 0.1 - 3 bar = 10⁴ - 3 x 10⁵ Pa
with optional pressure regulator: 1 - 8 bar = 10⁵ - 8 x 10⁵ Pa
Dimensions (W x H x D): 380 x 480 x 280 mm
Weight: approx. 9.5 kg

All parts in contact with water or indicator liquid are of corrosion resistant material.