

testomat®
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LENNTECH

testomat[®] 2000

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

The **testomat[®] 2000** automatically determines residual/total water hardness, the carbonate hardness, the p-value or the minus-m-value via titration. Ideal for monitoring water quality of water treatment, water blending and drinking-water plants.

Performance feature of the testomat[®] 2000:

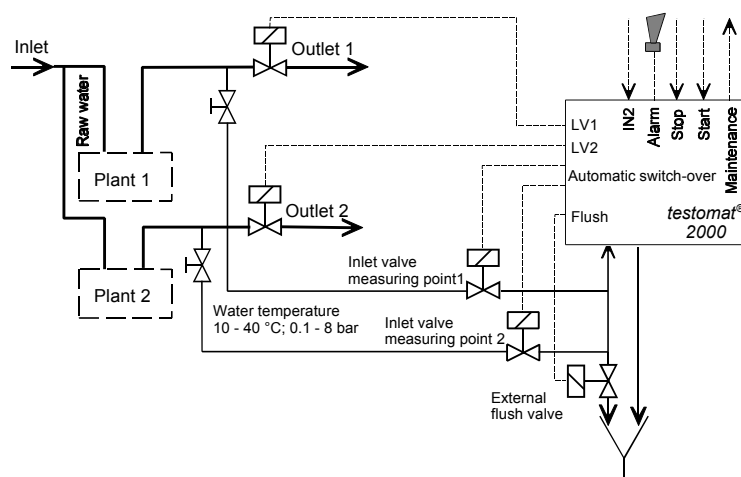
- Menu-driven, programmable functions in clear LCD text display
- Programmable hardness unit in °dH, °f, ppm CaCO₃, mmol/l
- Measuring range:

Parameter	Reagent type	°dH	°f	ppm CaCO ₃	mmol/l
Water hardness	TH 2005	0.05 - 0.50	0.09 - 0.89	0.89 - 8.95	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
Carbonate hardness	TC 2050	0.5 - 5.0	0.90 - 8.96	--	0.18 - 1.79
Carbonate hardness	TC 2100	1.0 - 20.0	1.79 - 35.8	--	0.36 - 7.16
minus-m-value	TM 2005	--	--	--	0.05 - 0.50
p-value	TP 2100	--	--	--	1 - 15

- Accurate titration via piston-dosing pump
- Reliable low maintenance operation
- Minimal reagent and water consumption
- Two adjustable limit values with programmable switch functions
- Monitoring of two measuring points
- Analysis initiation:
 - automatic time set intervals (0 - 99 minutes)
 - dependent on the residual plant capacity
 - quantity-dependent (water meter)
 - external control
- Programmable supplementary program (e. g. to control a cooler or for an analysis message)
- Output terminal for maintenance, messages e. g. dirty measuring chamber or low reagent level
- Monitoring of an analysis run and error messages, e. g. low water-pressure
- Monitoring of the filter capacity
- Programmable customer service address
- Reagent storage bottle 500 ml for extended operating periods
- Optional: an analog terminal 0/4 - 20 mA or 0 - 10 V

Power supply: 230 V or 24 V ± 10 %, 50 - 60 Hz
 Power consumption: max. 30 VA
 Degree of protection: IP 65
 Protection class: I
 Ambient temperature: 10 - 45 °C
 Water temperature: 10 - 40 °C
 Operating pressure: 0.1 - 8 bar = 10⁴ - 8 x 10⁵ Pa
 Dimensions (W x H x D): 380 x 480 x 280 mm
 Weight: approx. 10.5 kg

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



LENNTECH, WATER TREATMENT AND AIR PURIFICATION

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