FEATURES

- Extra bright OLED display shows readings in real time in ppm CaCO3 and mmol/l

- Intuitive menu navigation

- External stop and start control possible

- Monitoring of 2 sample ports possible

- self cleaning measuring chamber

- Integrated SD Card for tracking measurement results and alarms

- Ethernet network for connection with web server to display measured values and alarms in real time on your computer

- Notifications via email of measuring results

- Precise piston-dosing pump for titration process and colorimetric measurement

- Maintenance can be done by operator (no service contract needed)

- Two adjustable limit values with programmable switch functions

- Analyzer provides an alarm when calcium hardness exceeds set limits

- Customizable interval time between 1-99 min

- Optional: Output signal 0/4 - 20 mA and dry contact

- Built-in self-test with ongoing monitoring

TESTOMAT® PRO CA
Calcium Hardness

ONLINE ANALYSIS UNIT FOR
CALCIUM WATER HARDNESS

with self cleaning function

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Water is our Element

PERFORMANCE PROFILE

TESTOMAT® PRO CA SELF CLEAN

The **Testomat® Pro Ca self clean** automatically determines and monitors calcium hardness in water by titration. The measuring range is 0 - 587 ppm $CaCO_3$.

All readings and messages, such as exceeding limit values, can be received via email or via the web server in addtion to the 4-20mA and dry signal output.
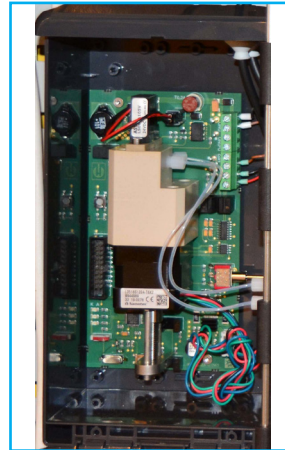
The **Testomat® Pro Ca self clean** ensures water quality for example when blending drinking water from several sources.
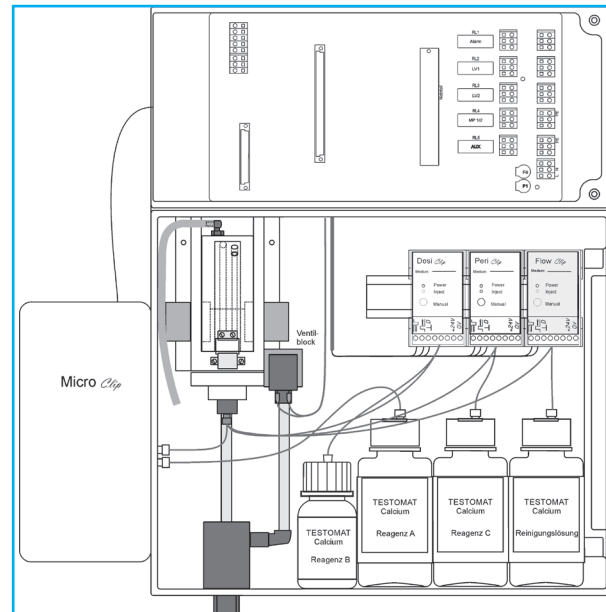
AVAILABLE REAGENTS

REAGENT TYPE		QUANTITY
Testomat Calcium Reagent A	reagent A	500 ml
Testomat Calcium Reagent B	reagent B	100 ml
Testomat Calcium Reagent C	reagent C	500 ml
Testomat Calcium cleaning solution	cleaning solution	500 ml

DETAILS

OF TESTOMAT® PRO CA SELF CLEAN

MicroClip® - Highly accurate microdosing pump

Internal design with four dosing pumps for precise analysis of calcium hardness

TECHNICAL DATA

TESTOMAT® PRO CA SELF CLEAN

Power supply: 230 VAC or 100 - 240 VAC ± 10 %, 50-60 Hz

Power consumption: max. 230 V (100-240 V)/4 A, without external load 230 V (100-240 V)/1 A

Protection class: I

Degree of protection: IP44

Compliance: EN 61326-1, EN 61010-1

BS EN IEC 61326-1, BS EN 61010-1+A1

Ambient temperature: 50 - 104°F / 10 – 40 °C

Measuring range: 0 to 587 ppm $CaCO_3$

User power supply: power supply with 4A fuse-protected

Durability relay: DC: 8A at 30V or 0.28A at 250V AC: 8A at 415V

Current interface: 4-20 mA, maximum load 500 ohm corresponding to 10V voltage, voltage isolated

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

Weight: approx. 25.5 lbs / 12.0 kg

The device is power-failure protected

Water supply

Operating pressure: configuration: 0.3 to 1 bar (4.4 to 15.4 psi) or 1 to 8 bar (14.5 to 116 psi)

Water temperature: 50 – 104 °F / 10 – 40°C

Water inlet: 1/4-in inlet fitting

Water outlet: Hose internal diameter 12 mm.

CE UKCA

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