

NEW FEATURES

- Simplified menu-driven operation and programming via OLED
- Free selection of hardness units in °dH, °f, ppm and mmol/l
- Selection of analysis trigger:
 - Automatic interval operation
 - Quantity-dependent
 - External analysis stop and analysis start
- Firmware update via SD card
- Built-in self-test with ongoing monitoring
- Monitoring of 1 or 2 measuring points
- Automatic programmable self-cleaning of the measuring chamber
- Logging on SD card for measurement data and alarms
- Ethernet network connection with web server for graphic display of measured values and alarms
- Notification by e-mail of new measured values, alarms and limit value violations

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Flyer Testomat PRO CA EN 240311

TESTOMAT® PRO CA SELF CLEAN

FOR MONITORING CALCIUM HARDNESS IN DRINKING WATER SYSTEMS



with cleaning function



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

PERFORMANCE PROFILE

TESTOMAT® PRO CA SELF CLEAN

The **Testomat® Pro Ca self clean** process meter automatically determines and monitors the calcium hardness in water by titration. The measuring range is 0 - 33°dH or 0 - 60°F. The deviation is +/- 1°dH or 2°F to the end of the measuring range.

All measurements and messages such as limit value violations can be received via the RS232 interface as well as by e-mail or via the web server.

Of course, all settings, FTP and web access can be password protected.

The **Testomat® Pro Ca self clean** ensures water quality when blending drinking water from several sources.

Other areas of application include:

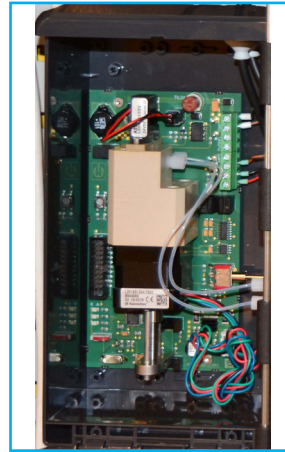
- Cooling tower monitoring
- Boiler houses
- Food industry
- and many more

AVAILABLE REAGENTS

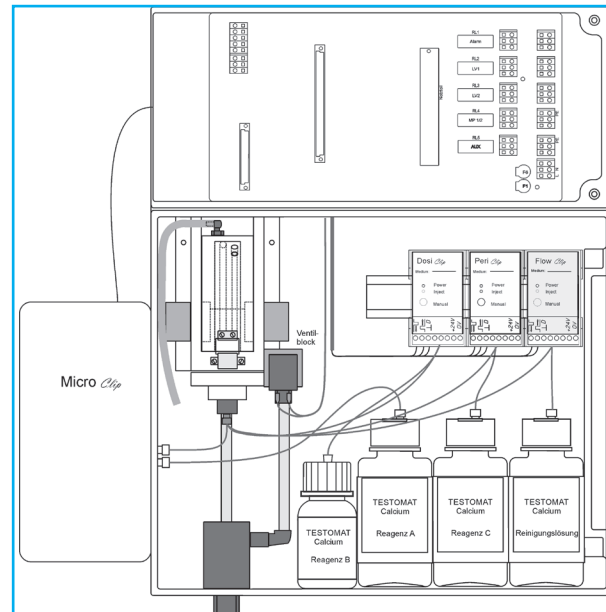
REAGENT TYPE		QUANTITY
Testomat Calcium Reagent A	reagent A	500 ml
Testomat Calcium Reagent B	reagent B	100 ml
Testomat Calcium Reagent C	reagent C	500 ml
Testomat Calcium cleaning solution	cleaning solution	500 ml

DETAILS

OF TESTOMAT® PRO CA SELF CLEAN



Newly developed highly accurate microdosing pump **MicroClip®**



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

TECHNICAL DATA

TESTOMAT® PRO CA SELF CLEAN

Power supply: 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: 10 – 40 °C

Measuring range: 0 to 33 °dH or 0 - 60°F

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

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

Current interface: 2 x 20 mA, maximum load 500 ohm corresponding to 10V voltage, voltage isolated

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

Weight: approx. 12.0 kg

The device is power-failure protected

Water supply

Operating pressure: 1 to 8 bar / 1x10⁵ to 8x10⁵ Pa or 0,3 to 1 bar / 0,3x10⁵ to 1x10⁵ Pa (after removing of the valve body out of the regulator/filter housing)

Water temperature: 10 – 40°C

Water inlet: Opaque pressure hose with outer diameter 6/4x1 mm

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

