

## NEW FEATURES

- Simple, menu-guided operation and programming via OLED
- Free choice of units in ppm and mg/l.
- Analysis triggering
- Two independent limit values with adjustable switching functions and switching option after an adjustable number of bad analyses (two neutral changeover contacts)
- Logging on SD card for measurement data and messages/alarms with intermediate buffer for 100 measured values and 50 messages
- Import and export of settings (basic program data) with selectable file names
- Error history for 20 messages
- Firmware update via SD card
- Integrated self-test with continuous monitoring
- Features for integration into process control systems

## COMPANIES OF THE HEYL NETWORK

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### Production and Development

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Flyer Testomat Pro CLT-F EN 251211

## TESTOMAT® PRO CLT & CLF

FOR MONITORING CHLORINATION  
SYSTEMS



Scan the code and  
visit us on our website!

## PERFORMANCE PROFILE

### TESTOMAT® PRO CL OVERVIEW

The **Testomat® Pro CL series** is used for reliable monitoring of chlorination systems in a wide range of applications. These include **industrial process water, swimming pool water treatment, drinking water treatment and dialysis water monitoring**.

The process photometer measures and monitors the chlorine content in the water fully automatically, thereby ensuring consistently high water quality.

The **Testomat® Pro CLT** measures the total chlorine content in the range from 0.00 to 2.5 ppm.

The **Testomat® Pro CLF** measures the free chlorine content in the range from 0.00 to 2.5 ppm.

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

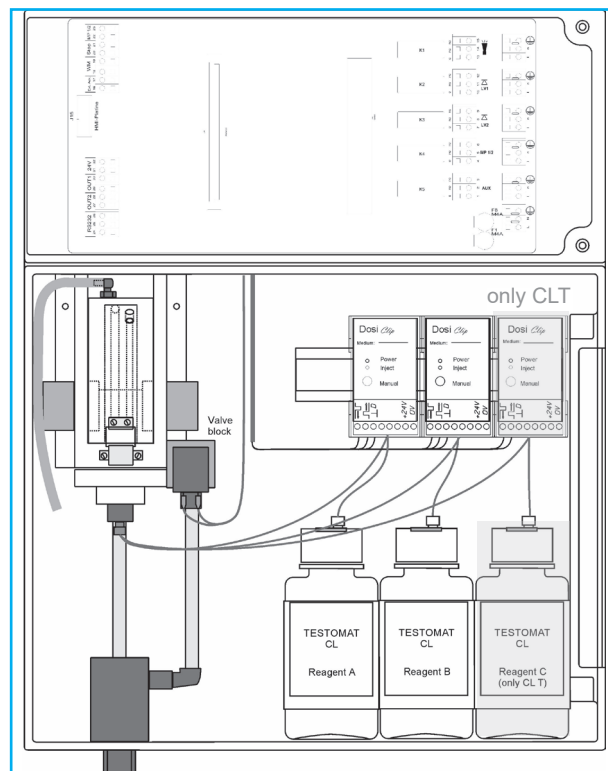
All settings, FTP and web access can be password protected.

## AVAILABLE REAGENTS

REAGENT TYPE	TESTOMAT CLT	TESTOMAT CLF	VOL.
Chlor reagentset T	X	-	500 ml
Chlor reagentset F	-	X	500 ml
SelfClean cleaning solution	X	X	500 ml

## INTERNAL DESIGN

### OF THE TESTOMAT® PRO CLT & CLF



Internal design with two or three dosing pumps for precise analysis of the chlorine content and optional cleaning function for rinsing the measuring chamber. Three pumps are installed in the **Testomat® CLT** to determine the total chlorine content of the water. A FlowClip pump can be installed as an option to use the SelfClean function\*.

\* For removing limescale deposits and biofilms.

## TECHNICAL DATA

### TESTOMAT® PRO CLT & CLF

**Power supply:** 100 – 240 VAC ± 10%, 50/60 Hz  
Complete protection T4A including user power supply

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

**Protection class:** I

**Protection type:** IP 44

**Conformity:** EN 61326-1, EN 61010-1  
BS EN IEC 61326-1, BS EN 61010-1+A1

**Ambient temperature:** 10 – 40 °C

**Measuring range:** Total chlorine (CL T) or free chlorine (CL F) from 0 to 2.5 ppm

**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

**SD card interface:** For SD and SDHC cards up to max. 32GByte, FAT/FAT32 formatting

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

**Weight:** approx. 12,0 kg

**Others:** The device is protected against reverse polarity.

### Water connection

**Working pressure:** 1 to 8 bar / 1x10<sup>5</sup> to 8x10<sup>5</sup> Pa  
or 0.3\* to 1 bar / 0.3x10<sup>5</sup> to 1x10<sup>5</sup> Pa (after removing the valve body)

**Water intake:** Opaque pressure hose with external diameter 6/4x1 mm

**Water drain:** Hose with internal diameter 12 mm

**Water temperature:** 10 – 40 °C

