

## FEATURES

- Measuring range 0 – 2.5 ppm total chlorine
- Cleaning function for the measuring chamber
- Quick menu navigation
- LCD clear text display
- Programmable chlorine unit in ppm or mmol/l
- Accurate dosing of reagents via piston-dosing pump
- Reliable low maintenance operation
- Minimum indicator and water consumption
- Two adjustable limit values with programmable switch functions
- Monitoring of two measuring points
- Programmable additional program (e.g. to switch on a cooler or for an analysis message)
- Output for alarm and maintenance messages
- Error documentation (e.g. low water)
- Indicator storage bottle 500 ml for extended operating periods

optional:

- Current interface (0/4-20 mA)
- Serial interface (serial bus RS232)
- Voltage interface (0/2-10V)
- SD card data logger

## COMPANIES OF THE HEYL NETWORK

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Flyer Testomat 2000 CLT self clean EN 220228

## TESTOMAT 2000® CLT SELF CLEAN

### TOTAL CHLORINE MEASUREMENT



WITH CLEANING FUNCTION  
OF MEASURING CHAMBER



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Analysentechnik GmbH & Co. KG  
Water is our Element

## OVERVIEW

### TESTOMAT 2000® CLT SELF CLEAN

The process photometer Testomat 2000® CLT is a robust wet-chemical online monitor for monitoring the concentration of total chlorine in the measuring range 0 - 2.5 mg/l (ppm) using the photometric analysis principle. The feed water must be clear, colorless and free of undissolved particles.

Instrument operation is based on the DPD method according to EN ISO 7393-2. The analysis is implemented by adding three reagents, after a reaction time of approx. 1 minute (measuring time without flush time) the analysis result is shown. Cleaning of the measuring chamber is carried out after a pre-set number of analyses.

Applications include, e.g., the monitoring of disinfectant dosing in the drinking water field and water treatment at dialysis centers.

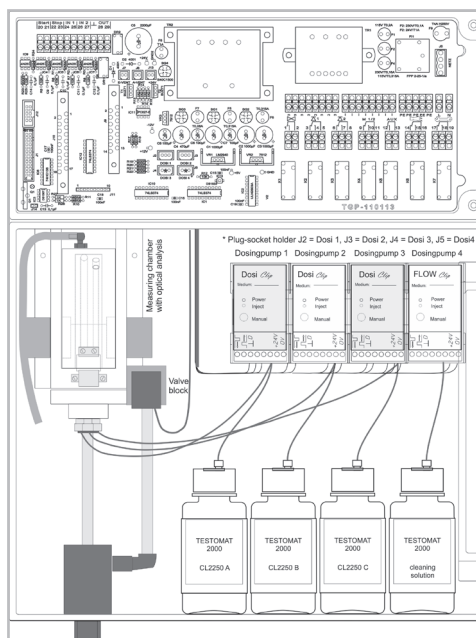
Please note that oxidizing agents other than chlorine, e.g. ozone, chlorine dioxide or hydrogen peroxide, are also recorded and increase the measuring result! (For details, see EN ISO 7393 Section 9)

## MEASURING RANGE

UNIT	Reagent Type / Range
	CL2250
ppm	0.00 - 0.99 / 1.0 - 2.5
mg/l	0 - 2.5

## INTERNAL CONSTRUCTION

### TESTOMAT 2000® CLT SELF CLEAN



## REAGENTS

REAGENT TYPE	ART.-NO.:
CL2250A, reagent A	156230
CL2250B, reagent B	156231
CL2250C, reagent C	156232
chlorine reagent set	156235
cleaning solution	151105

## ORDER NUMBERS

Type	Menu Language		
	German	English	French
230 VAC	100245	100246	100247
115 VAC		upon request	110117
24 VAC		upon request	110112

## TECHNICAL DATA

### TESTOMAT 2000® CLT SELF CLEAN

**Power supply:** 230 VAC, 115 VAC, 24 VAC ± 10%, 50-60 Hz

**Power consumption:** max. 30 VA, without external load

**Protection class:** I

**Degree of protection:** IP65

**Conformity:** EN 61326-1, EN 61010-1

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

**Ambient temperature:** 10-40°C

**Measuring range:** 0 – 2.5 ppm total chlorine

**Load of relay contacts:** 240 VAC, 4A

**Current interface:** 0/4 – 20 mA, max. load 500 ohm

**Dimensions:** W x H x D = 480 x 380 x 280 mm

**Weight:** approx. 9.5 kg

The device is power-failure protected.

## 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 temperature:** 10-40°C

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

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

