



The **Testomat 2000® CLF** process photometer is an online analyzer for monitoring the free chlorine (CLF) content in the range of 0-2.5 mg/l (ppm).

#### Performance Profile:

- Analysis by automatic addition of 2 reagents
- Measurement result display after a reaction time of approx. 1 minute (measurement time without purging time)
- 2 independently programmable limit contacts for monitoring and control tasks
- Menu-guided operation and programming by means of plain text display
- High measuring accuracy due to precise piston metering pump
- Analysis triggers:
  - Automatic interval operation (interval pause adjustable from 0 - 99 minutes)
  - External control
  - Quantity-dependent via contact water meter
- Two independent limit values with hysteresis (1, 2 or 3 bad analyses) and adjustable switching functions
- Monitoring of two measuring points (switchover by external solenoid valves)
- Internal error documentation
- Programmable service address
- Programmable maintenance interval for maintenance request

#### Technical data:

Power consumption	max. 30 VA
Protection class:	I
Protection type:	IP 65
Ambient temperature:	10 - 45 °C
Water temperature:	10 - 40 °C
Dimensions (B x H x T):	380 x 480 x 280 mm
Weight:	ca. 9,5 kg
Operating pressure:	0,3 - 8 bar
<b>Measuring range:</b>	Free Chlorine: <ul style="list-style-type: none"> <li>• 0,00 - 0,99 mg/l (Resolution: 0,01 mg/l)</li> <li>• 1 - 2,5 mg/l (Resolution: 0,1 mg/l)</li> </ul>

**Optional:**

Article number	Description
270305	Interface card 0/4-20 mA (SK 910)
270310	Interface card RS 232 (for protocol printer)
270315	Interface card 0/2 - 10 V (UK 910)
100490	SD card data logger Testomat 2000®
100492	Network logger plug-in card
40315	Drain funnel
40187	Connection set

**Scope of application:**

- Monitoring of chlorination plants for drinking / swimming pool water
- Reverse osmosis membrane protection
- Monitoring of chlorine-containing biocides and conditioning agents

**Order number:**

Menu language	24 V / 50 - 60 Hz	115 V / 50-60 Hz	230 V / 50-60 Hz
German	100230	100235	100240
English	100231	100236	100241
France	100232	100237	100242

Reagent	Amount	
Testomat 2000® Reagent CL 2250 A	500 ml	156230
Testomat 2000® Reagent CL 2250 B	500 ml	156231
Testomat 2000® Chlorine Reagent kit F	Reagent A 2 x 500 ml Reagent B 1 x 400 ml	156233
Testomat 2000® Chlorine Reagent kit F 50%	Reagent A 1 x 500 ml Reagent B 1 x 200 ml	156236

\* The reagent sets are only designed for uniform reagent consumption, therefore the filling quantities in the individual reagent bottles are not the same.