



The **Testomat 2000 THCI®** process photometer determines the content of total chlorine according to the photometric analysis principle in the range from 0 to 2.5 mg/l (ppm) and the water hardness in the range from 0.25 to 2.5° dH by titration.

Performance profile:

- 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 trigger:
 - 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
- Indicator quantities: 100 and 500 ml bottles
- 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
Watertemperature:	10 - 40 °C
Dimensions (B x H x T)	380 x 480 x 280 mm
Weight:	ca. 10,5 kg
Operating pressure:	0,3 - 8 bar
Measuring range:	Total chlorine: <ul style="list-style-type: none"> • 0,00 - 0,99 ppm (Resolution: 0,01 ppm) • 1,0 - 2,5 ppm (Resolution: 0,1ppm) Water hardness: <ul style="list-style-type: none"> • 0,25 - 2,5 °dH (Resolution: 0,05 ppm)

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

- Protection of reverse osmosis membrane against blocking due to hardness and destruction due to excessive chlorine content
- Monitoring of softening and chlorination plants in the drinking water or swimming pool sector
- Medical technology (dialysis)

Order number:

Menu language	24 V / 50 - 60 Hz	115 V / 50-60 Hz	230 V / 50-60 Hz
German	100270	100275	100280
English	100271	100276	100281
France	100272	100277	100282

Testomat®-Indicator	Amount	
Testomat 2000® Indicator TH2025	500 ml	152025
	2 x 100 ml	151025
Chlorine reagents		
Testomat 2000® Reagent CL 2250 A	500 ml	156230
Testomat 2000® Reagent CL 2250 B	500 ml	156231
Testomat 2000® Reagent CL 2250 C	500 ml	156232
Testomat 2000® Chlor Reagent kit T*	Reagent A = 2 x 500 ml Reagent B = 400 ml Reagent C = 200 ml	156235
Testomat 2000® Chlor Reagent kit F 50%	Reagent A = 500 ml Reagent B = 200 ml	156236
Testomat 2000® Chlor Reagent kit T* 50%	Reagent A = 500 ml Reagent B = 200 ml Reagent C = 100 ml	156237

* The reagent sets are designed for uniform reagent consumption, therefore the filling quantities of the individual reagent bottles are different.