



The **Testomat 2000[®] Fe** process photometer is an online analytical instrument for monitoring the dissolved iron (II) + (III) content in the range from 0 to 1.0 mg/l (ppm) using the photometric analysis principle.

Performance profile:

- Analysis by automatic addition of 2 reagents
- Measurement result display after a reaction time of approx. 7 minutes (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 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
- 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. 10,5 kg
Operating pressure:	0,3 - 8 bar
Measuring range:	Iron Fe (II + III): • 0,00 - 1,00 mg/l
	Resolution: <ul style="list-style-type: none"> • 0,00 - 0,65 mg/l (0,01) • 0,7 - 1,00 mg/l (0,1)

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 deferrization plants and well water
- Control of operational or drinking water supply systems

Order number:

Menu language	24 V / 50 - 60 Hz	115 V / 50-60 Hz	230 V / 50-60 Hz
German	100150	100155	100160
English	100151	100156	100161
France	100152	100157	100162
Italian	100153	100158	100163
Polish	100154	100159	100164
Dutch	100186	100187	100188

Reagent:	Amount:	
Testomat 2000® Reagent Fe 2005A	500 ml	156250
Testomat 2000® Reagent Fe 2005B	500 ml	156251