

## Testomat 2000® Polymer



The **Testomat 2000® Polymer** process photometer is an online analytical instrument for monitoring the content of polyacrylate in the range from 0 to 50 mg/l (ppm) (with a set product-specific factor of 1.00) 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)
- Menu-guided operation and programming by means of plain text display
- Selection of units in ppm or mg/l
- Analysis triggers:
  - Automatic interval operation (interval pause adjustable from 0 - 255 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
Ambienttemperature:	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
<b>Measuring range:</b>	<p>With the aid of the correction factor, which can be set from 0.01 to 99.99, a measuring range of 0.5 to 4999 mg/l (ppm) is obtained.</p> <p>This allows different polymer contents of different products to be determined.</p>

**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 conditioning chemicals in cooling circuits

**Order number:**

Menu language	24 V / 50 - 60 Hz	115 V / 50-60 Hz	230 V / 50-60 Hz
German	upon request	upon request	100470
English	upon request	100472	100473
France	upon request	upon request	100471

**Reagent:**

Please note that there is a wide range of polyacrylates for which the Testomat 2000® Polymer can be adapted. Therefore, the instrument must be specially calibrated for each application.

We either use reagents provided by the customer or:

Reagent:	Amount:	
Testomat 2000® Polymer Reagent A	500 ml	156271
Testomat 2000® Polymer Reagent B	500 ml	156272