



7200 Monitor

Suspended Solids and Turbidity Monitor

PRODUCT DATASHEET

APPLICATIONS

Mixed Liquor Solids
Activated Sludge
RAS and SAS
Final Effluent Solids
Turbidity
Sludge Density

FEATURES

MCERTS approved Turbidity Monitor
Intuitive Menu Structure
IP65 Enclosure
Sensor fault diagnosis

BENEFITS

Improved aeration control
Pollution alert

COMPATIBLE SENSORS

Turbi-Tech 2000LA
Turbi-Tech 2000LS
Turbi-Tech 2000HR
IL55BV2
Soli-Tech 20
Infrared Sensors

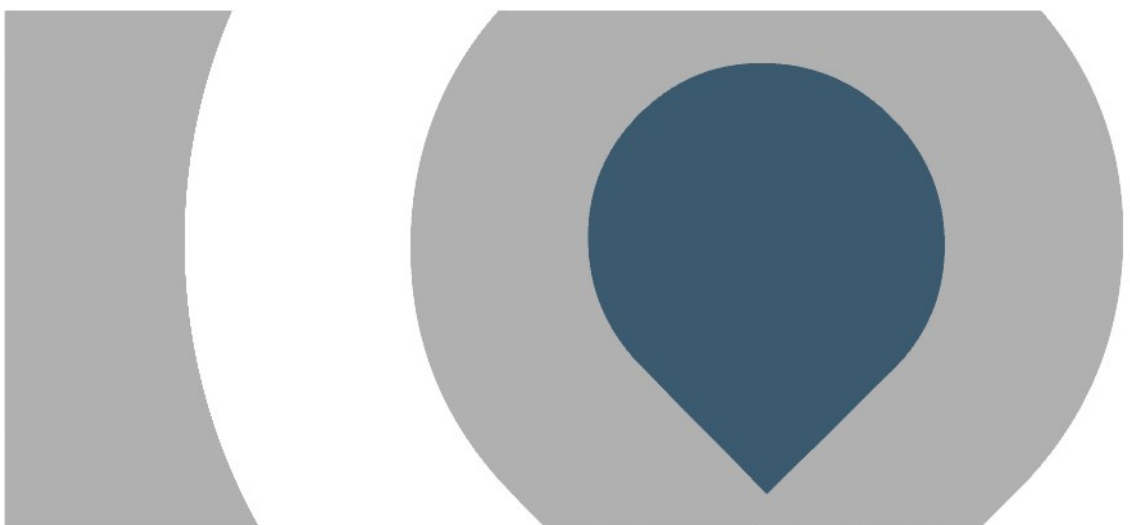


The 7200 Monitor combines with the Partech range of Suspended Solids and Turbidity Sensors to give a cost-effective solution to measurement of Suspended Solids, Turbidity and Sludge Density. The Monitor provides a large character display of the measured value combined with a scrolling information bar showing measurement status.

The menu structure includes set up wizards that will take the user through system configuration and routine calibration. The wizards will ensure quick, simple installation and easy maintenance without the need to refer to the instruction manual. The calibration routine incorporates a feature where the user can tell the instrument that a sample is being taken, wait for the result from the laboratory and then enter the value. The instrument will automatically be calibrated to the new result, in the time between taking the sample and entering the result the instrument will continue to operate on its previous calibration.

Additional features include statistics for maximum and minimum values and password protection of the keypad to ensure that the system setting cannot be altered in error.

The field mount enclosure is IP65 rated for outdoor installation, additional outer enclosures can be provided for harsh environments if necessary.



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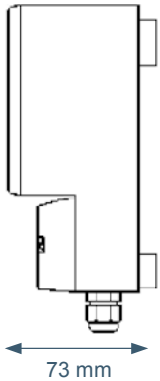
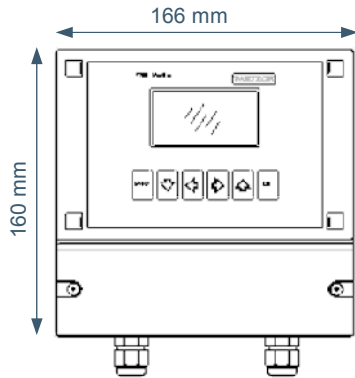




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Physical

Weight
Dimensions (h x w x d)
Enclosure Rating
Enclosure Material
Cable Entries
Cable Size

1 kg
160 x 166 x 73 mm
IP65
ABS
4 x PG11 (cable 5 to 10 mm)
Max Conductor Cross Section 2.5 mm²

Environmental Data

Operating Temperature
Storage Temperature
Location

-20 to 60°C
-20 to 60°C
Indoor or Outdoor

Power Supply

Voltage
Power Consumption

85-264 VAC, 12/24 DC option available
15W

Analog Output

Number
Type
Max Load Resistance

1
0/4-20 mA or 0-5 VDC
1000 ohms

Measurement Details

Response Time

Typically < 5 seconds, dependent on damping setting

Relay Outputs

No
Contacts
Rating
Type
Adjustment
Hysteresis
Local Annunciation

2
SPCO
5A @ 230 VAC, 5A@125 VDC
High, Low or Fault
0-100% Sensor Range
0-10% Display Range
Alarm Condition shown on monitor status line

User Interface

Display
Setup
Units of Measurement

Graphic Display providing 4 ½ Digit with 2 message lines
via 6 Button Membrane Keypad
mg/l, g/l, ppm, NTU, FTU, %SS, User Defined

Software

Remote Programming

No

Mounting

Type
Bracket/Plate

Surface
Part Number 171280 for attachment to handrail

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The company reserves the right
to alter the specification without
prior notice. E&OE

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