



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 20v2
Infrared Sensors

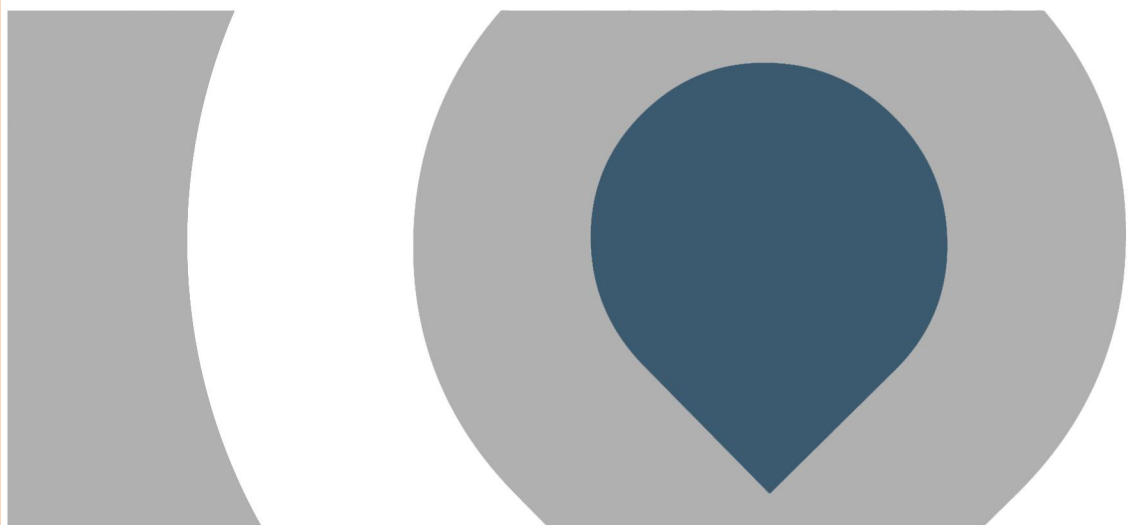


The 7200 Monitor combines with the Partech range of Suspended Solids and Turbidity Sensors to give a cost-effective solution to measurement of Suspended Solids, Turbidity and Sludge Density. The Monitor provides a large character display of the measured value combined with a scrolling information bar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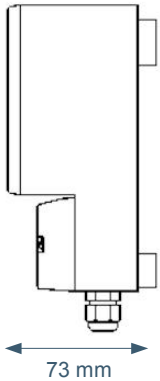
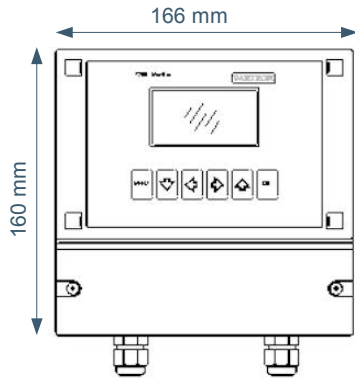




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Physical

Dimensions	160 x 166 x 73 mm (HxWxD)
Weight	1 kg
Protection Class	IP65
Enclosure Material	ABS
Cable Entries	4 x PG11 (cable 5 to 10 mm)
Cable Size	Max Conductor Cross Section 2.5 mm ²

Environmental Data

Operating Temperature	0 to 50°C
Storage Temperature	-20 to 70°C
Location	Indoor or Outdoor

Electrical

Power Supply	85-264 VAC, 50/60Hz, 12/24 DC option available
Power Rating	15VA

Analogue Output

Number	1
Type	0/4-20 mA or 0-5 VDC
Max Load Resistance	1000 ohms

Relay Outputs

No	2
Contacts	SPCO
Rating	5A @ 230 VAC, 5A @ 125 VDC
Type	High, Low or Fault
Adjustment	0-100% Sensor Range
Hysteresis	0-10% Display Range
Local Annunciation	Alarm Condition shown on monitor status line

User Interface

Display	Graphic Display providing 4 ½ Digit with 2 message lines
Setup	via 6 Button Membrane Keypad

Software

Remote Programming	No
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Mounting

Type	Surface
Bracket/Plate	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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