

7300w²™ Monitor



Partech's latest monitoring platform

Multisensor and Multiparameter, with Serial Communications

Exceptionally easy to install and operate

Publication No: I32236DS-Iss01
The company reserves the right to alter the specification without prior notice. E&OE



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7300w²™ Monitor

KEY FEATURES

- Multisensor
- Multiparameter
- Graphic Display with Trending
- PID Control
- 4-20mA and Relay Outputs
- Profibus DP Communications
- 90-264VAC or 9-36VDC Power Supply
- Full Dosing Control
- Triple Validation

The 7300w²™ Monitor is the key to the WaterWatch²™ product range, the monitor is designed to interface with all the sensors in the WaterWatch²™ range. The starting specification provides all the connections required for 1 or 2 sensors, where more sensors are required a selection of expansion boxes are available. The expansion boxes will contain all the additional terminations, a supplementary power supply if required and Profibus connections. The maximum number of sensors will be limited by the practicalities of most sites. We anticipate 8 being a sensible maximum, with combinations of 4 sensors being common.

Combining sensors provides a very cost effective way of simultaneously monitoring parameters such as Dissolved Oxygen and Suspended Solids in an Activated Sludge Plant, or pH and Turbidity at a treatment works outfall where the sensors can be located close together.

The design of the 7300w²™ Monitor means that future expansion of the system will be a straightforward and cost effective option. Even the most basic single sensor configuration will allow the addition of further sensors, without the need to make the original installation redundant.

The advanced serial communication between the monitor and sensors mean the calibration and configuration data can be preserved if either part is replaced and can be copied from sensor to sensor further reducing the time required for configuration and for maintenance.

The user interface on the monitor is highly intuitive, making setup and operation straightforward to carry out. This saves time and avoids the need for specialist training, most commands are self explanatory and intuitive.



COMPATIBLE SENSORS

- TurbiTechw²® LA
- TurbiTechw²® LS
- TurbiTechw²® HR
- TurbiTechw²® LR
- SoliTechw²™ ST
- SoliTechw²™ IR
- SoliTechw²™ IL
- OilTechw²™ FLT
- OxyTechw²™ OPT
- OxyTechw²™ GAL
- WaterTechw²™ PHEVT
- WaterTechw²™ C4E

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