



750w² Monitor

Portable Water Quality Meter

PRODUCT DATASHEET

APPLICATIONS

Suspended Solids Monitoring
Mixed Liquor (MLSS)
Aeration Basin
Oxidation Ditch
Returned Activated Sludge
Surplus Activated Sludge
Final Effluent Monitoring
River Monitoring
Sludge Blanket Level
Environmental Application

FEATURES

Multiple, interchangeable sensors
Rugged Enclosure
Carry Bag with Space for 2 sensors
Internal Datalogger for up to
500 records per sensor
Easy to use menu structure
Sunlight readable display with backlight
for use in lower light levels

COMPATIBLE SENSORS

SoliTechw² IR Sensor 0-200
SoliTechw² IR Sensor 0-1,500
SoliTechw² IR Sensor 0-10,000
SoliTechw² IR Sensor 0-30,000



The 750w² handheld water quality monitor is a simple robust and accurate tool for measuring a full set of water quality parameters with a single unit.

Expanding on the success of Partech's 740 Suspended Solids/MLSS/Turbidity and Sludge Blanket Level Monitor; the 750w² has been designed to expand on these parameters by allowing a suite of interchangeable water quality sensors to be connected via high quality cable connectors.

The rugged unit has a built in data recorder for storing a minimum of 500 data points per sensor.

The monitor's simple to use interface, multiple sensor options and a field ready design makes the 750w² the market leader for on site monitoring of TSS, Turbidity and Sludge Level.



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Order Codes

Part No Description

228531	750w ² Monitor complete with Carrying Bag and charger
229340	USB Power Adaptor, 90 to 264VAC Input, 5VDC 2.1A Output, 10 Watt, UK Plug.
229341	USB Power Adaptor, 90 to 264VAC Input, 5VDC 2.1A Output, 10 Watt, EU Plug
229342	USB Power Adaptor, 90 to 264VAC Input 5VDC 2.1A Output, 10 Watt, US Plug
229443	USB Power Adaptor, 90 to 264VAC Input, 5VDC 2.1A Output, 10 Watt, AUS Plug
229385	USB Power Adaptor, 10 to 16VDC Input, 5VDC 2.1A Output, Car Charger

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

Physical

Weight
Protection Class
Enclosure Material
Cable Connection

0.75 kg
IP65
ABS
4 Way Lemo Circular Plug - For Sensor
5 Way Lemo Circular Plug - For Charger

Environmental Data

Operating Temperature
Storage Temperature
Power
Power Source
Charging

0 to 60°C
-20 to 60°C

Internal Rechargeable Battery Pack
USB Power Adaptor and Cable

User Interface

Display
Setup
Data Recorder

Interface to PC

Sunlight readable graphical LCD
via 7 button membrane keypad
Minimum 500 points per sensor, actual capacity will depend on configuration
USB cable for data download

Measurements

MLSS, TSS, Turbidity, Sludge Blanket

SoliTechw² IR Sensors Range: 0-200 mg/l
Range: 0-1,500 mg/l
Range: 0-10,000 mg/l
Range: 0-30,000 mg/l

pH
Redox
Dissolved Oxygen

WaterTechw² pH8000*
WaterTechw² Redox8000*
OxyTechw² RDO Pro-X*

* Available in 2019

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