



# 750w<sup>2</sup> 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

SoliTechw<sup>2</sup> Sensor 0-200  
SoliTechw<sup>2</sup> Sensor 0-1,500  
SoliTechw<sup>2</sup> Sensor 0-10,000  
SoliTechw<sup>2</sup> Sensor 0-30,000



The 750w<sup>2</sup> 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 750w<sup>2</sup> 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 750w<sup>2</sup> the market leader for on site monitoring of TSS, Turbidity and Sludge Level.



## Contact Us

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### Order Codes

#### Part No Description

- |        |  |
|--------|--|
| 228531 | 750w <sup>2</sup> 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

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

### Environmental Data

Operating Temperature  
Storage Temperature  
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

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

SoliTechw<sup>2</sup> 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

WaterTechw<sup>2</sup> pH8000\*  
WaterTechw<sup>2</sup> Redox8000\*  
OxyTechw<sup>2</sup> RDO Pro-X\*

\* Available in 2019

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