



# 750w<sup>2</sup> Monitor

## Portable Water Quality Meter

PRODUCT DATASHEET

### APPLICATIONS

Suspended Solids  
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> IR Sensor 0-200  
SoliTechw<sup>2</sup> IR Sensor 0-1,500  
SoliTechw<sup>2</sup> IR Sensor 0-10,000  
SoliTechw<sup>2</sup> IR Sensor 0-30,000  
WaterTechw<sup>2</sup> TMP Sensor



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 Monitor; the 750w<sup>2</sup> has been designed to expand on these quality 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.

Call us on + 44(0) 1726 879800 [www.partech.co.uk](http://www.partech.co.uk)



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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 16VAC 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

Dimensions  
Weight  
Protection Class  
Enclosure Material  
Cable Connection

220 x 110 x 39 mm (HxWxD)  
0.75 kg  
IP65  
ABS  
4 Way Circular Plug - For Sensor  
5 Way Circular Plug - For Charger

### Environmental Data

Operating Temperature  
Power Source  
Charging  
Battery Life

0 to 60°C  
Internal Rechargeable Battery Pack  
USB Power Adaptor and Cable  
Sufficient for 1 week normal use (30 measurements per day), under normal operating conditions e.g. normal contrast and brightness settings

### 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, Temperature

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
WaterTechw <sup>2</sup> TMP	Range: -5 to 80°C

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