750 Portable Monitor (DO and Suspended Solids)

THE 750 PORTABLE MONITOR MAKES IT EASY TO GATHER AND RECORD DATA ON WATER QUALITY PARAMETERS. USE HIGH-QUALITY CABLE CONNECTORS TO CONNECT A VARIETY OF INTERCHANGEABLE WATER QUALITY SENSORS, INCLUDING TOTAL SUSPENDED SOLIDS (TSS) AND DISSOLVED OXYGEN.

SIMPLE, ROBUST & ACCURATE
- This handheld water quality monitor gathers data in real time, making it easy to check online systems or monitor operations when no online output is available.
- The rugged unit has a built-in data recorder for storing a minimum of 500 data points per sensor.

MARKET LEADER
- The monitor's easy-to-use interface, multiple sensor options and field-ready design makes the 750 the market leader for on-site monitoring of TSS, Turbidity, MLSS, Sludge Level and Dissolved Oxygen.
- Four choices of TSS sensors provide the flexibility and accuracy required for TSS measurement in different applications.

SELF-LINKING SENSORS
- The 750 Portable Monitor is designed for simplicity. Connected sensors are discovered automatically and readings are displayed immediately.

ONBOARD CALIBRATION ASSISTANT
- Step-by-step calibration assistance simplifies in-field operation.

EASY DATA COLLECTION
- No software, internet or wireless connection needed. Data is stored on the device for later use.

MULTI-SITE CAPABLE
- Up to 10 specific TSS calibrations are supported, allowing the same sensor to be used across multiple locations.

TOTAL FIELD SUPPORT
- Field Support
- Technical support is just a phone call away.

Applications:
- **DISCHARGE MONITORING**
- **AERATION BASIN**
- **OXIDATION DITCH**
- **RETURNED ACTIVATED SLUDGE**
- **FINAL EFFLUENT MONITORING**

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GENERAL	750 PORTABLE MONITOR			
OPERATING TEMP.	0 to 60°C (32 to 140°F)	POWER SOURCE	Internal Rechargeable Battery Pack	
DIMENSIONS	220 mm (8.6 in) x 110 mm (4.3 in) x 39 mm (1.5 in) (H x W x D)	BATTERY LIFE	Sufficient for 1 week normal use (30 measurements per day), under normal operating conditions, e.g. normal, contrast and brightness settings.	
WEIGHT	0.75 kg (1.65 lbs)	DISPLAY	Sunlight-readable graphical LCD	
PROTECTION CLASS	IP65	SETUP	Via 7-button membrane keypad	
ENCLOSURE MATERIAL	ABS	DATA RECORDER	Minimum 500 points per sensor, actual capacity will depend on configuration.	
CABLE CONNECTION	4 Way Circular Plug - For Sensor 5 Way Circular Plug - For Charger	INTERFACE TO PC	USB cable for data download	

STANDARD SENSORS	DIMENSIONS	WEIGHT	ACCURACY	RANGE	CABLE LENGTH	SERVICE REQUIREMENT
SoliTech IR Sensor 0 - 200 mg/l	95 mm (3.7 in) x 100 mm (3.9 in) x 25 mm (0.9 in)	0.7 kg (1.54 lbs) inc 5m of cable	±5% of measured value or ±1 mg/l	0 - 200 mg/l	5 or 10 metres standard	No routine servicing
SoliTech IR Sensor 0 - 1,500 mg/l	95 mm (3.7 in) x 40 mm (1.6 in) x 25 mm (0.9 in)	0.7 kg (1.54 lbs) inc 5m of cable	±5% of measured value or ±7.5 mg/l	0 - 1,500 mg/l	5 or 10 metres standard	No routine servicing
SoliTech IR Sensor 0 - 10,000 mg/l	95 mm (3.7 in) x 15 mm (0.6 in) x 25 mm (0.9 in)	0.7 kg (1.54 lbs) inc 5m of cable	±5% of measured value or ±50 mg/l	0 - 10,000 mg/l	5 or 10 metres standard	No routine servicing
SoliTech IR Sensor 0 - 30,000 mg/l	95 mm (3.7 in) x 8 mm (0.3 in) x 25 mm (0.9 in)	0.7 kg (1.54 lbs) inc 5m of cable	±5% of measured value or ±150 mg/l	0 - 30,000 mg/l	5 or 10 metres standard	No routine servicing
OxyTech RDO Sensor	203 mm (7.9 in) long x 47 mm (1.8 in) diameter	0.8 kg (1.76 lbs) inc 5m of cable	±0.1 mg/l (0-20 mg/l) ±2% (20-60 mg/l)	0-60 mg/l; 0-600% Saturation -5°C to 50°C (23°F to 122°F)	5 or 10 metres standard	No routine servicing

WARRANTY	2 years