



# Royce Aqua 22

## Portable MLSS and Sludge Blanket Level Meter

### Features & Benefits

- ◆ Range - 0 to 20,000 mg/L
- ◆ Depth - 0 to 10 metres
- ◆ Save data to 9 locations - date and time stamped
- ◆ Cable length 10 metres (length to order if required)
- ◆ A hydrostatic level sensor is used to provide easy depth measurement of the interface layer.
- ◆ Smart serialised sensors holds calibration data internally. This means that sensor can be interchanged between handheld meters without the requirement to be calibrated.
- ◆ Light, ergonomically designed handheld with a pistol grip to facilitate one handed operations.
- ◆ Front cluster buttons in easy reach of a thumb resulting in easy selection of functions.
- ◆ The LCD display is optimised to provide excellent clarity in bright sunlight with or without Polaroid glasses.



### Instrument Technical Specifications

Protection	IP65
Body Materials	ABS/Polycarbonate/ Acrylic
Weight	320g
Width	110mm
Length	240mm

### Sensor Technical Specifications

Cable Material	Polyurethane
Cable Length	10m
Body Materials	UPVC/Nylon
Protection	IP68
Diameter	60mm
Overall Length	180mm
Weight	420g

### Overall Technical Specifications

Measuring	MLSS and Sludge Blanket Analysis Interface Layer Analysis
Sensing Technology - MLSS	IR Absorption
Sensing Technology - Depth	Depth Hydrostatic Level Sensor
TSS Range	0 - 20,000mg/l
Accuracy	+ -5%
Repeatability	1%