



# 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

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

### Sensor Technical Specifications

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

### Overall Technical Specifications

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