



Royce Aqua25

Portable MLSS / Sludge Blanket Level Meter / Dissolved Oxygen Measurement / pH Measurement / ORP Measurement

Features & Benefits

MLSS & Sludge Blanket Level Measurement

- ◆ Range - 0 to 20,000 mg/L
- ◆ Depth - 0 to 10 metres
- ◆ 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.
- ◆ Specifications same as Aqua22

Dissolved Oxygen Measurement

- ◆ Uses standard Royce G95A online DO sensor
- ◆ Proven galvanic technology
- ◆ Accurate at zero DO
- ◆ Supplied with three years consumables
- ◆ Repeatability is $\pm 1\%$ at constant temperature
- ◆ Response time <30 seconds
- ◆ Cable length 10 metres

pH Measurement

- ◆ Uses standard Royce S400 online pH sensor
- ◆ Sealed double junction reference
- ◆ Flat bulb design prevents glass breakage
- ◆ Range is 0 -14pH
- ◆ Supplied with 4pH and 7pH buffer solution
- ◆ Cable length 10 metres

ORP Measurement

- ◆ Uses standard Royce S400 online ORP sensor
- ◆ Guarded bulb design prevents glass breakage
- ◆ Range is -1000mV to +1000mV
- ◆ Supplied with 239mV buffer solution
- ◆ Cable length 10 metres

