

FLO-TRACERTM
Water Current Meter



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The Flo-TracerTM is a hand held battery powered salt dilution open channel flowmeter for creeks, rivers and irrigation channels. The unit includes a IP65 enclosure with alphanumerical LCD display and a 4-key pad.

The Flo-TracerTM can be set up using the key pad to answer the questions from the menu or using a PC with the Flo-TracerTM windows software.

The LCD displays salinity, conductivity, temperature and flow rate in L/S

It is supplied complete with 10 m sensor cable (salinity range 0-2000 mg/l, 0-5000 mg/l with optional adaptor), Windows software, interface cable and carry case.

Parameters

Method: Salt dilution

Power Supply: 4 alkaline cells 1.5V type AAA, AM3, LR6, UM3, MIGNON

Battery life: Approx. 30hrs under normal conditions

Range of salinity gauging: zero to 2000 mg/l – extended to 5000 mg/l with adaptor

Response to salinity fluctuation: 0.1 mg/l

Precision of salinity gauging: +/- 1% max

Ratio (conductivity/salinity): 1.780 μ S/mg/l

Range of temperature measuring: zero to 40°C

Precision of temperature measuring: +/- 0.2°C