

Technical Data

Hydrolab MS5 - Multiparameter Mini Sonde



Lightweight multi-probe with four ports available for water quality sensors

- **Product type**
Attended, Unattended
- **Parameters measured**
Temperature, Conductivity, Depth, pH ,ORP, Dissolved Oxygen (LDO, Clark cell), Turbidity, Chlorophyll a, Blue-Green Algae, Rhodamine WT, Ammonium, Nitrate, Chloride , TDG
- **Product highlights**
The Hydrolab sonde profile for a smaller sensor payload that will fit in a two-inch well
- **Interface**
SDI-12, RS-485, RS-232, TTY

The Hydrolab MS5 multiparameter water quality sonde offers a selection of Hydrolab sensors on a compact and lightweight multiprobe designed for either profiling or unattended monitoring. Its compact housing fits into 2" wells or other limited space applications.

Sensors		Measures up to 10 parameters simultaneously
Electrical		
Internal		8 AA batteries (with available internal battery pack option)
Communications		RS-232, SDI-12, RS-485
Memory		Up to 120,000 measurements

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User Interface	
PC Software	Hydras3 LT
Pocket PC Software	(Optional) TDS Recon with Hydras 3 LT Pocket

General	
Sonde Depth Rating	200 m (656 ft)
Diameter	4.4 cm (1.75 in.)
Weight	1.0 kg (2.2 lb) (typical)
Weight with battery pack	1.3 kg (2.9 lb) (typical)
Length	53.3 cm (21 in.)
Length with battery pack	74.9 cm (29.5 in.)

Environmental conditions	
Operating temperature	-5 ... 50 °C (23 ... 122 °F), non-freezing