

# Technical Data

<b>Sensors</b>	Temperature sensor and up to four additional sensors plus depth and ORP
<b>Electrical</b>	
External	6 ... 30 VDC (12 VDC nominal) applied to the communications module,
Internal	10 VDC, 250 mA average, 19 W peak. (Optional) 9-V battery, non-rechargeable.
Sleep mode at 12 V	20 mA
Communications	Hydrolab communications modules: USB, SDI-12, RS232, RS485, or TTY
Memory	4 GB of internal memory; 1 second interval minimum
<b>User Interface</b>	
PC Software	Hydrolab Operating Software
Handheld	(Optional) Hydrolab Surveyor HL
<b>General</b>	
Sonde Depth Rating	200 m (656 ft)
Maximum Deployment Cable	200 m (656 ft)
Diameter w/o bumpers	4.4 cm (1.75 in.)
Diameter with bumpers	5.3 cm (2.1 in.)
Weight with internal battery pack (IBP) and storage/calibration cup	2.2 kg (5 lb)
Length - no IBP, standard sensor guard	51.4 cm (20.25 in.)
Length - no IBP, extended sensor guard	66.4 cm (26.125 in.)
Length - IBP and standard sensor guard	62.2cm (24.5 in.)
Length - IBP and extended sensor guard	77.8 cm (30.625 in.)
<b>Environmental conditions</b>	
Operating temperature	-5 ... 50 °C (23 ... 122 °F), non-freezing
Storage temperature	1 ... 50 °C (34 ... 122 °F)