

VA500 Altimeter



The Valeport Altimeter delivers a new approach to the problem of underwater positioning. State of the art signal processing offers unrivalled range and performance from a 500kHz transducer. Millimetric precision, 0.1m – 100m range, RS232/RS485/0-5V & 0-10V analogue outputs with a wide range power supply address the needs of the ROV, AUV, Underwater construction and Hydrographic community package.

The option of integrating a high accuracy pressure sensor (0.01%) as used in the miniIPS offers an unbeatable package for your underwater positioning requirements.

Specifications

Product	VA500 Altimeter
Country of origin	UK
Manufacturer	Valeport Limited
Size	36 x 29 x 16cm

Sensors

Type	500kHz broadband transducer	Range	0.1m – 100m
Resolution	1mm	Beam Angle	±3°

Pressure

Type	Temperature compensated piezo-resistive	Range	10,20,30,50,100,200,300,400 and 600 Bar
Accuracy	±0.01% FS	Resolution	0.001% FS

Communications

Digital output	RS232 & RS485 fitted as standard	Format	User defined output formatting
Protocol	4800 to 115200 baud, (8,1,N)	Analogue output	0-5/10V fitted as standard

Physical

Housing	Titanium (6000m rated)	Connector	SubConn MCBH10F Titanium
Weight	1kg in air with pressure: 1.5kg in air	Shipping	36 x 29 x 16cm 3Kg

