



AGEOTEC

Type multiparametric probes
Model idroprobe

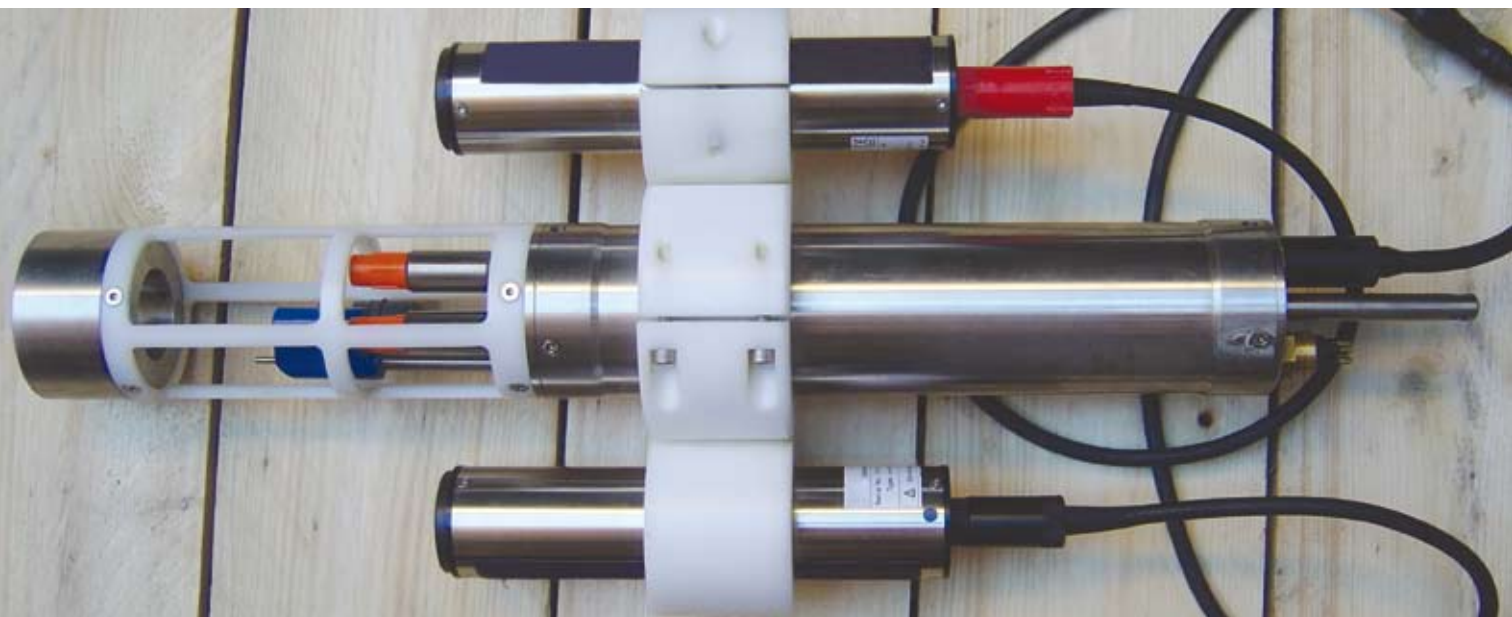
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Model idroprobe

Lightweight
Low Cost
User Friendly
Extremely Low Consumption
RS 232 or RS 485 Data Transmission
Direct Reading or Self Recording
Hand-Held Data Display (IDROLOG)
300.000 Measurements Stored
Internal Batteries for 1 Year Life
Multi-Language Software

IDROPROBE is an ideal instrument for water quality monitoring both in marine coastal areas and inland water: lagoons, lakes, rivers, reservoirs. IDROPROBE is not intended as a replacement of the well established IM71 and IM81 multiparameter probes, which are more suitable for oceanographic applications. It can be assembled with 6 basic sensors plus a stirrer or a bottom indicator. The link up to 5 external sensors is available. Among these are the Chlorophyll "a" and the Current Speed and Direction, which are both Ageotec's products.

standard sensors specifications			
Parameter	Range	Accuracy	Resolution
Temperature	0...50 °C	0,03 °C	0,01°C
Conductivity - seawater	0...80 mS/cm	0,07 mS/cm	0,02 mS/cm
Conductivity - freshwater	0...5 mS/cm	0,005 mS/cm	0,002 mS/cm
Depth	0...100 m	0,1 m	0,02 m
Dissolved Oxygen	0...20 ppm	0,2 ppm	0,01 ppm
pH	0...14	0,1	0,003
Redox	-1000...1000 mV	2mV	0,5 mV
Turbidity	0...200 FTU 0...2000 FTU	1 FTU 10 FTU	0,05 FTU 0,5 FTU
Ion-selective Electrodes			
Chlorophyll "a"	0...50 mg/m ³	± 0,05 mg/m ³	0,015 mg/m ³
Current (E/M Sensor)	+3...-3 m/s	± 1% fs	1,5 mm/s

Note: the range provided here is the one commonly adopted. Different ranges available, upon request.

miscellaneous	
> Bottom contact and Stirrer available on request	> Lithium battery AA size for over 1 year autonomy
> Led for probe running check	> External power supply possible
> Non volatile "flash" memory	> Delrin casing
	> Size: l = 490 mm, d = 70 mm

*** subject to change without notice**