

Precision Survey Echosounder



- © Thermal Recorder/LCD Display
- © DSP technology/auto-bottom-tracking
- © RS232/485 Output
- © GPS/Heave Input
- © Auto Scale Change & Annotation
- © Excellent price/performance ratio

HY1600 is a portable, precision survey echosounder for surveying in inland water, rivers, coastal areas and in other rugged conditions. Digital processing enables the instrument to offer fully automatic bottom digitizing capabilities. The LCD displays a valid digital depth when a firm bottom has been locked. A RS-232/RS485 serial port interfaces to some external computer or GPS system and motion sensors and make the auto-surveying possible.

Specifications

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Frequency:	208KHz
Survey range:	0.3-300m
Accuracy:	0.1%
Resolution:	1cm
Output power:	100Watts
Power req. :	10VDC-25VDC
Transducer:	208KHz-8deg.
Recording:	8.5"/216mm Thermal printer and LCD display
Chart speed:	auto/1-20cm/min adjustable
Data Output:	2 ports via RS232/485
Phasing:	Manual/Auto Scale Change
Weight:	12kg
Miscellaneous:	AGC/TVG, Auto-mark, Draft/velocity/Blanking adjustable

Composition

RECORDER

Dimension	460 X 360 X 190mm
Weight	12kg

TRANSDUCER

Dimension	φ 80 X 26mm
Weight	1.5kg
Cable length	10m (adjustable)

SUPPORTING TUBE

Length	3 X 0.7m
Weight	5kg



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