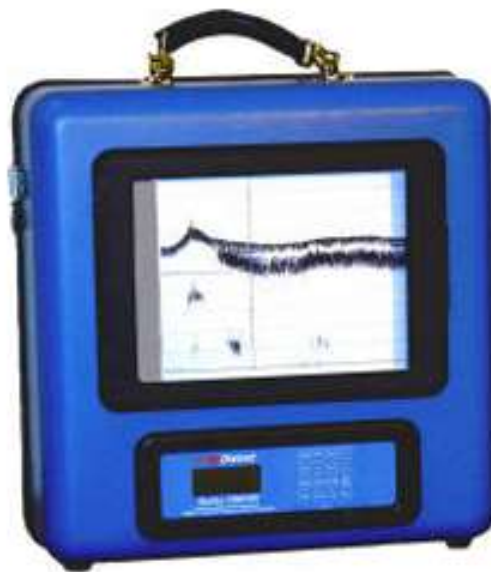




ECOSONDA MONOHAZ

BATHY 500-HD

ESPECIFICACIONES TÉCNICAS



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El Bathy 500 HD TM es un instrumento topográfico electrónico de última generación que se utiliza para generar mediciones de precisión, registros de gráficos y salida de datos digitales.

Bajo consumo de energía, portabilidad, facilidad de uso, resistente. La construcción y las interfaces de comunicación integradas para dispositivos de navegación/registro de datos hacen que el Bathy 500 HD TM la solución ideal para levantamientos a bordo.



CARACTERÍSTICAS

Depth Ranges (frequency dependant)	Units of 0-15, 0-30, 0-120, 0-240, 0-450, 0-900, 0-1500, 0-2400, 0-3000 Feet or 0-5, 0-10, 0-20, 0-40, 0-80, 0-150, 0-300, 0-500, 0-800, 0-1000 Meters. Auto ranging modes in all units.
Phasing	0-120, 60-80, 120-240, 180-300, etc.. (displays 120ft range at 60 ft increments up to 1800-1920) Feet, Auto; or 0-40, 20-60, 40-80, 60-100, 80-120, etc.. (displays 40m range at 20m increments up to 600-640) Meters, Auto
Chart Record	8.5 inch X 90 Feet High-Contrast Thermal Paper
Digital Display	LCD (4 lines x 16 characters) 0.25 inch characters (Depth Display: 0.75 inch characters) (Back-lighting: Electro-luminescent)
Resolution	0.01 units for depths less than 100 meters; 0.1 for depths greater than 100 meters; 0.1 feet on all ranges
Accuracy	Meets or exceeds all current IHO hydrographic requirements for single beam echo sounders. At 33 Khz= 5 cm +/- 0.1% of depth At 210Khz= 1cm +/- 0.1% of depth
Frequency	Any single frequency (user selectable at time of order) from these: 33 Khz, 50Khz, 210Khz (Acousitc output=600 watts)
Depth Alarms	Shallow and Deep (selected by keypad)
Sound Velocity	4600-5250 feet/second (1393-1590 meters/second) (user selected via keypad)
Offset	0 to +30 feet or meters (allows the user, via keypad, to adjust for the net sum of transducer depth and tide)
Geographic position	NMEA-0183 GGA or GLL Format from GPS/DGPS
Data I/O compatibility	COM 1 provides bi-directional interface to PC or other peripheral device; This port accepts external annotation from external sources such as hydrographic software. COM 2 accepts GPS/DGPS inputs and provides additional (from COM1) data outputs.
Data Outputs	<ul style="list-style-type: none"> • ODEC PMC dt (True Depth & Status) • Atlas DESO-25 • Odom Digitrace • Odom Echotrac • NMEA DBT • NMEA DBS
Input Power	11-30 volts d.c. (1.5 amps @ 12v. 0.5 amp @30v.)
Dimensions	Height (including handle) 19 inches Width 17.5 inches Depth 9 inches
Weight	35 lbs. (Recorder with P01540 Transducer)



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