

Teledyne Odom Echotrac E20

Hydrographic Echosounder

nor Offshore
Rental



A portable, compact and robust echosounder designed for survey in all environments allowing you to maximize your utilization of the equipment and reducing your costs by having one unit for all applications

Key Features

- **Precise and reliable survey data for shorter data processing time, enabling you to complete your project faster.**
- **Dual channel survey echosounder from very shallow to deep sea, from 10 kHz to 250 kHz – giving you the flexibility for all your survey projects, maximizing utilization of your investment.**
- **The compact system with minimal interfacing effort, allows for fast mobilization, and extremely low space to go anywhere, enabling you to start work immediately.**
- **Intuitive user interface, easy to use, so you can focus on the job at hand.**
- **The ECHOTRAC E20 is compatible with a broad range of transducers with straightforward transducer interfacing.**

Specifications

Depth rating	(12kHz) Singel Channel 1000m, Dual Channel 6000m
Weight	5.7kg (excl. external cables and transducers)
Dimensions HxWxD	83.0mm x 300.0mm x 221.0mm
Operating frequency	HF channel 10 to 250Khz, optimized for 50-250kHz LF channel 10 to 250khz, optimized for 10-50kHz
Channels:	Single, Dual
Max ping rate:	50Hz
Pulse type:	CW (and FM (chirp) for Dual Extended Range).
Gradient Tolerance:	10,000 nT/m
Max Sample Rate:	20 Hz
Heading Error:	< 1 nT (over entire 360° spin)
Supply voltage	10-30VDC, 100-230VAC3 , max 50W
Output Power	Typically max output power varies between 1 and 3kW, depending on transducer
Data output:	Via LAN interface: For each channel the measured depth and full amplitude-time echogram, passed through auxiliary sensor data, s7k data protocol. Via serial port: For each channel the measured depth
Ingress protection:	IP67, Vibration, Drop: Complies with standard EN 60945 §8.7 and §8.6

