

# D230



## KEY FEATURES

- **Small and portable**
- **Frequency: 200KHz, Beam Width: 8-degree**
- **Easy to connect with computer and GPS receiver**
- **Flexible power supply options, 12 VDC and 220 VAC**
- **Gain controls through software, automatically adjust parameters**
- **Waterfall image display and record, convenient to replay and print**

### D230 Portable Echo Sounder

D230 is CHC new generation echo sounder which is small, portable and high accuracy. The innovative design makes hydrographic survey easier and more productive.

#### High Accuracy and Wide Application

Sounding accuracy is  $\pm 0.01\text{m} + 0.1\% \times H$  ( H is the depth of water), detection range: 0.3m - 300m, 0.3m minimum detection range can carry out shallow water survey perfectly.

#### Portable and Easy Operation

Modular design, easy for testing and repair, reserved interface for secondary development and upgrade. One-touch operation, easy to operate.

#### Outstanding Anti-interference Capability

Advanced water-depth analysis software, filter the secondary echo automatically, professional depth-keeping configuration, ensure the correct result by eliminating the interference of noise.

#### Automatic Adjustment

Options like gain, power, detection range and gear, are adjusted automatically.



# Technical Specifications

## Measurement Parameters

- Detection range: 0.3m - 300m
- Resolution ratio: 0.01m
- Accuracy<sup>(1)</sup>:  $\pm 0.01\text{m} + 0.1\% \times H$  (H is the depth of water)
- Frequency: 200 - 2000KHz
- Sound speed adjustment range: 1300 - 1700m/s
- Draft adjustment range: 0.0m - 9.9m
- Data output: Simulation of multiple formats, adjustable baud rate

## Physical

- Size: 24cm x 16cm x 5cm
- Weight: 0.9kg
- Pulse power: 300W
- Supply voltage/Consumption: Direct current 12V /alternating current 220V

(1) Accuracy and reliability specifications may be affected by multipath, satellite geometry and atmospheric conditions. Performances assume minimum of 5 satellites, follow up of recommended general GPS practices.

Specifications are subject to change without notice.

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