

# D230

## Marine Construction

- Small and portable
- Frequency: 200KHz
- Easy to connect with computer and GNSS receiver
- Flexible power supply options, 12 V DC and 220 V AC
- Gain controls through software, automatically adjust parameters
- High anti interference can filter the second echo automatically



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

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

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

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

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



# ■ Technical Specifications

## Measurement Parameters

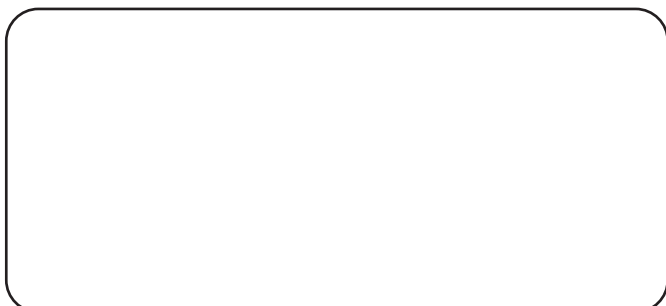
- Detection Range: 0.3 m - 300 m
- Resolution Ratio: 0.01 m
- Accuracy<sup>(1)</sup>:  $\pm 0.01 \text{ m} + 0.1\% \times D$  (D is the depth of water)
- Frequency: 200 KHz
- Sound Speed Adjustment Range: 1300 m/s to 1700 m/s
- Draft Adjustment Range: 0.0 m to 9.9 m
- Data Output: Simulation of multiple formats, adjustable baudrate

## Physical

- Size (L x W x H): 24 cm x 16 cm x 5 cm  
(0.8 ft x 0.5 ft x 0.2 ft)
- Weight: 0.9 kg (2.0 lb)
- Pulse Power: 300 W
- External Power: 9 V AC to 18 V AC or 220 V DC
- Operating Temperature:  $-30^{\circ}\text{C}$  to  $+60^{\circ}\text{C}$  ( $-22^{\circ}\text{F}$  to  $+140^{\circ}\text{F}$ )

(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. (2) Operating time varies based on temperature.

Specifications are subject to change without notice.



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CHC - Shanghai Huace Navigation Technology Ltd.  
599 Gaojing Road, Building C  
201702, Shanghai, China  
Tel : +86 21 542 60 273