

DW15 Series CT

SMART
REALTIME
TITANIUM
ROBUST



DW15 Series

Daowan DW15 is a kind of conductivity and temperature measurement device with small size and light weight. Daowan makes it easy to configure the optimum sampling regime for your measurements, which can be widely used in mooring system(fixed observing buoys)and other scenarios. Our probes offer precise measuring results even under the harshest conditions and work reliably to a depth of over 7200 meters. Our designs lead the industry in accuracy, cost-effective, stability and power consumption.

Direct-reading: Power Requirements: 9-18 VDC, Interface: RS232/RS485/USB.

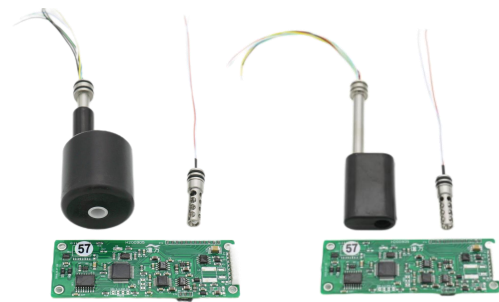
Self-contained: Powered by 3.6V lithium batteries, 200 days continuous work when the sampling interval is 5 minutes. Internal storage is 8GB. Up to hundreds of millions of data sets can be recorded.

Specification

| Sensor | Range | Accuracy | Resolution | Typical Stability | Time Response |
|-----------------------------|-----------|------------|------------|---------------------|---------------|
| Temperature | -5-36°C | ±0.02°C | 0.001°C | 0.02°C per year | 100ms |
| Temperature(OEM) | -5-36°C | ±0.02°C | 0.001°C | 0.02°C per year | 100ms |
| Electrode Conductivity | 0-75mS/cm | ±0.03mS/cm | 0.001mS/cm | 0.03mS/cm per month | 100ms |
| Inductive Conductivity | 0-75mS/cm | ±0.05mS/cm | 0.001mS/cm | 0.05mS/cm per month | 100ms |
| Inductive Conductivity(OEM) | 0-75mS/cm | ±0.05mS/cm | 0.001mS/cm | 0.05mS/cm per month | 100ms |
| Electrode Conductivity(OEM) | 0-75mS/cm | ±0.03mS/cm | 0.001mS/cm | 0.05mS/cm per month | 100ms |

Main Features

- High accuracy and low cost
- Easy to integrate with other instrumentation platforms
- Based on UNESCO equations
- Robust and reliable



DW1521(OEM)

DW1524(OEM)

Ordering Information

| Cat.No. | Operation Mode | Conductivity | Housing | Rated Depth | Dimensions | Weight in Air | Weight in Water |
|----------|----------------|--------------|---------|-------------|-------------|---------------|-----------------|
| DW1513 | Self-contained | Inductive | TA2 | 1500m | φ50mm*429mm | 2.0kg | 1.2kg |
| DW1513-D | | | TC4 | 7200m | φ54mm*429mm | 2.2kg | 1.3kg |
| DW1516 | | Electrode | TA2 | 1500m | φ50mm*448mm | 2.0kg | 1.2kg |
| DW1516-D | | | TC4 | 7200m | φ54mm*448mm | 2.2kg | 1.3kg |
| DW1521 | Direct-reading | Inductive | / | / | / | 0.14kg | / |
| DW1523 | | | TA2 | 1500m | φ50mm*431mm | 1.3kg | 0.6kg |
| DW1523-D | | | TC4 | 7200m | φ54mm*431mm | 2.0kg | 0.8kg |
| DW1524 | | Electrode | / | / | / | 0.04kg | / |
| DW1526 | | | TA2 | 1500m | φ50mm*450mm | 1.3kg | 0.6kg |
| DW1526-D | | | TC4 | 7200m | φ54mm*450mm | 2.0kg | 0.8kg |

Specifications are subject to change without notice. ©2024 Daowan. All rights reserved. Rev. January 2024