

## DW14 Series TD Gauge

SMART  
REALTIME  
TITANIUM  
ROBUST



### DW14 Series

Daowan DW14 is a kind of pressure (depth) 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 profiling, mooring system, towed observation, remotely operated vehicles 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, stability, cost-effective and power consumption. This type of equipment is durable and stable. The probes can be equipped and retrofitted with different sensors. Furthermore, the titanium housing is resistant to most chemical compounds and non-corrosive.

**Direct-reading:** Power Requirements: 6-18 VDC, Interface: RS232/RS485/USB.

**Self-contained:** Powered by 3.6V lithium batteries, 600 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	±0.002°C	0.0001°C	0.002°C per year	100ms
Pressure	50, 100, 200, 500, 1000, 2000, 4000, 6000 dbar	±0.05%FS	0.002%FS	0.05%FS per year	100ms

## Main Features

- High accuracy and low cost
- Based on UNESCO equations
- Robust and reliable
- Easy to integrate with other instrumentation platforms
- Can be used in marine survey, environmental monitoring, fishery research and other fields



## Ordering Information

Cat.No.	Operation Mode	Housing	Rated Depth	Dimensions	Weight in Air	Weight in Water
DW1413	Self-contained	TA2	1500m	φ45mm*304mm	1.3kg	0.8kg
DW1413-D	Self-contained	TC4	7200m	φ45mm*304mm	1.3kg	0.8kg
DW1423	Direct-reading	TA2	1500m	φ45mm*315mm	1.1kg	0.7kg
DW1423-D	Direct-reading	TC4	7200m	φ45mm*315mm	1.1kg	0.7kg

Specifications are subject to change without notice. ©2024 Daowan. All rights reserved. Rev. January 2022