



Echo Sounder Compatible with GPS and Laser Distance Meter

# TDM-B III



## Main Features of TDM-BⅢ

### ■ Liquid Crystal Touch Panel

Easy to See, Easy to Operate  
Clearly Shows Time, Depth, etc.

### ■ Low Power Consumption

6 Hours Continuous Operation with  
Built-in Battery. Car battery can  
also be used.

### ■ Auto/Manual Shifts

Option of Shifting Ranges  
Automatically

### ■ Thermal Recording Using Heat Sensitive Chart

No Synchronization Error

### ■ Automatic Printing on Chart

Prints the time, depth, recording  
scale, correction for sound velocity

### ■ Correction for Sound Velocity

Automatic Correction by Entering  
Sound Velocity Correction Value

## Specifications of TDM-BⅢ

Recording Scales	1/100, 1/200, 1/50
Measuring Ranges	Analog: 0.65-100m; Digital: 1.00-100m
Accuracy	±3cm ±water depth x 1/1000
Display	Liquid crystal touch panel
Contents of Display	Time, water depth, measurement range, correction value for sound velocity, draft, and sensitivity
Recording chart	Heat sensitive sheet (thermal type), width 112mm x length 25m
Chart feeding speed	15, 30, 45, 60, 90, 120, 240, 360, and 480mm/min.
Transducer frequency	200KHz ± 3KHz
Angle of beam spread of transducer	Half value, full angle: approx. 6°
Adjustment for sensitivity	Automatic adjustment (manual adjustment also available)
Sound velocity correction	By 1-meter increment for the range 1300~1599m/s
Range of draft adjustment	0.0~9.9m
Items printed on recording chart	Time, water depth, correction value for sound velocity, and recording scale
Printout of water depth	RS-232C, 4800 baud rate, 8 bits, stop bit 2
Power supply	DC12V (internal or external battery)
Power consumption	12V, 0.65A
Operating time	5 hours continuous
Dimensions	391W x 257H x 147D mm
Weight	9.8Kg (with built-in battery)
Accessories	Transducer, boardside fixture, battery charger, marker, 5 rolls of recording chart
Optional item	Reflection plate for sound velocity correction



Enlarged view of liquid crystal touch panel



The design and specifications might change without prior notice.