FURUNO

# DIGITAL WATER TEMPERATURE INDICATOR

## Model T-2000




- **Large backlit LCD display**
- **Audible and visual alarms for preset temperature limits or temperature shear.**
- **Either Celcius or Fahrenheit readout**
- **Temperature data output for external devices on FURUNO CIF or NMEA 0183 bus**
- **Trend arrows to show whether temperature is rising or falling**
- **Compact, rugged display may be bracket or flush-mounted**
- **Choice of sensor: Transom or Through-Hull Mounting**

The FURUNO model T-2000 is an innovative and very cost-effective Digital Water Temperature Indicator designed to aid the fisherman pinpoint areas where the fish are most likely to be gathered. A built-in microprocessor displays information with large characters on the LCD screen for easy viewing, even from across the cockpit or pilothouse. Temperature is shown in either degrees Celsius or Fahrenheit.

One of the unique features of the T-2000 is that the temperature "Trend" is shown, with either an upward arrow to show a slow, rising trend, or a downwards arrow to show a slow, falling trend. Where there is an area of abrupt temperature change, the T-2000 alerts you with a "shear" alarm: this usually signals the presence of a rip current, where two currents at different water temperatures meet and is often a place where the fishing is especially good.

Since different species of fish are known to congregate within well-defined temperature limits, you may utilize the T-2000 to alert you when you are in a predetermined temperature zone that favors the species you want to find.

The T-2000 is a good communicator too. Water surface temperature can be put onto other FURUNO instruments via the FURUNO CIF format, for example, Color Video Sounders, Video Plotters, computers, etc. In addition temperature data may be fed to instruments that utilize the NMEA 0183 format ($MTW or $MR1).

The T-2000 is miserly on power drain, taking less than 1 watt for 10-15 VDC power mains. The display may be ordered for mounting using a bracket, or for flush-mounting into the boat's instrument panel.
The transducer may be ordered for mounting either on the transom or thru-hull.

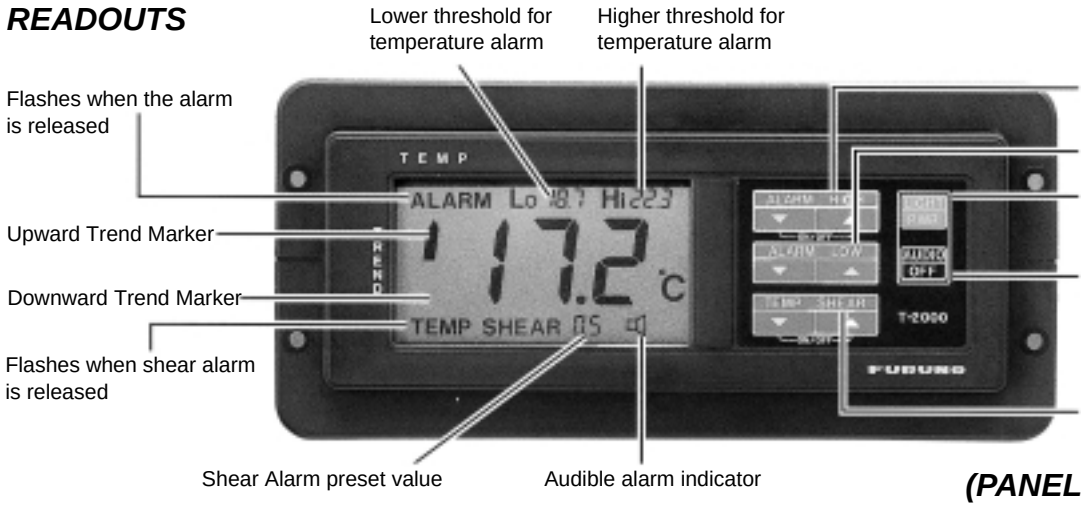
Catalogue No. M-1505f

The future today with FURUNO's electronics technology.

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TREDE MARK REGISTERED
MARCA REGISTRADA

## READOUTS




## CONTROLS

High temperature setting and alarm on/off

Lower temperature setting

Power ON switch. Further pressing switches backlight on/off

Each pressing changes audible alarm on/off. When pressed simultaneously with Power ON switch, the system is switched off.

Shear alarm setting and alarm on/off

***(PANEL MOUNT TYPE)***

# SPECIFICATIONS OF T-2000

1. **LCD Display** 3.1"(W)X 1.6" (H), backlit
2. **Measuring Range** -5 to +35°C or +23 to +95°F
3. **Accuracy** ±0.2°C or ±0.4°F
4. **Display Resolution** 0.1°C or 0.1°F
5. **Trend Monitor**
   Compares latest data and that obtained 10 seconds ago and, presents up or down arrow depending on whether the temperature is rising or falling
6. **Alarm**
   Shear Alarm
   Alarm is given when the temperature changes by more than preset value in one minute.
   Preset Value: 0.1 to 9.9° in 0.1° steps (F or C)
   Temperature Alarm
   Alarm is given when the temperature is outside or inside of the preset temperature zone
   Preset Value: -5.0 to +35.0°C in 0.1°C steps or +23.0 to +95.0°F in 0.1°F steps
7. **Interface**
   Temperature data output on Furuno CIF or NMEA 0183 format ($--MTW or $--MR1)
8. **Sensor** Thermistor
9. **Power Supply** 10 - 15 VDC, less than 1 W

## EQUIPMENT LIST

**(Standard)**

1. Display Unit 1 unit
   *Specify whether bracket or panel type*
2. Temperature Sensor (with 8 m cable) 1 unit
   *Specify Transom mounting, Thru-hull Mounting (Bronze), or Thru-hull Mounting (Bronze) with seal cap*
   *Note: The Display Unit and selected Sensor are factory-calibrated for use with each other*
3. Installation Materials and Spare Parts 1 set

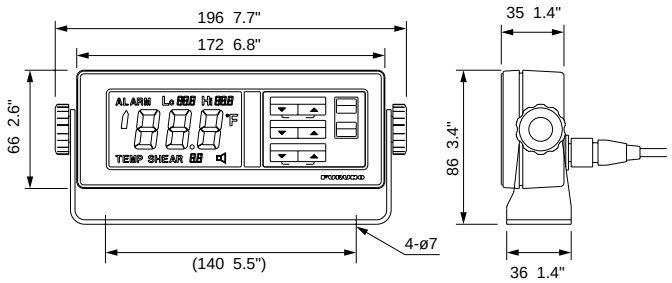
**(Optional)**

1. CIF/NMEA Interface Cable

**CHOICE of SENSORS with 8 m cable**

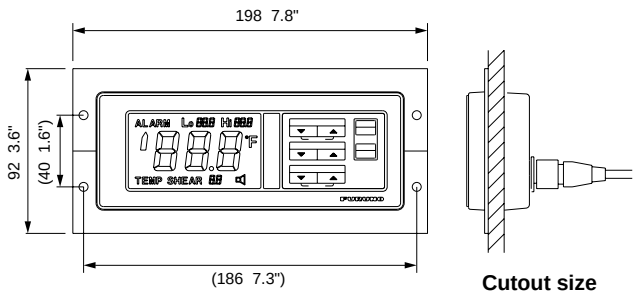
| Transom Mounting T-02MTB | Thru-Hull Mounting (Bronze) T-02MSB | Thru-Hull Mounting (Bronze, w/seal cap) T-03MSB |
|---|---|---|
|  |  |  |

**Display Unit with Bracket**




**Weight 350 g 15.0 oz w/bracket**

**Display Unit for Panel Mount**




**Weight 330 g 14.1 oz w/mounting panel**

**Cutout size 176W x 70H (mm)**

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE


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