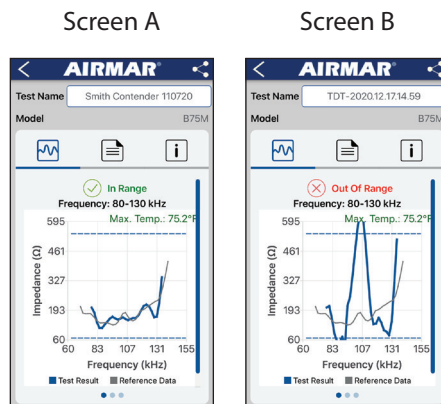


Step 3

Review your results

At the completion of the test, one of two screens will appear. If the results are **In Range**, email results to the boat owner, dealer, and/or installer (Screen A).

If the results are **Out of Range**, alter the test variables and retest multiple times to ensure the results are consistent. Email test results with your contact information to tdt1000@airmar.com before removing or replacing the transducer (Screen B).



Troubleshooting

TDT1000 will not turn on

- Make sure unit has been fully charged.
- Confirm charging light is lit.
- It may take a full charge cycle before the unit will power on.

SensorCheck app cannot find or connect to the TDT1000

- Confirm that the device you are connecting to the TDT1000 is compatible with Bluetooth LE.
- Only one device running SensorCheck can connect at a time to the TDT1000. Confirm no other devices are connected to the TDT1000.
- Power off the TDT1000 and restart the Bluetooth search.

Test results indicate the transducer is out of range, but I am not sure it is.

- Consult the Owner's Guide. Results may vary based on the test environment.
- Vary the test environment and see if the results bring the transducer into range.
- Verify that you are using the correct test cable.
- If using the test block, ensure there is no air between block and transducer.

Training and support services can be found at the following:

Gemeco (USA)
Tel: 803-693-0777
email: sales@gemeco.com

Airmar EMEA (Europe, Middle East, Africa)
Tel: +33.(0)2.23.52.06.48
email: sales@airmar-emea.com

Download SensorCheck on the App Store or Google Play



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QUICK START GUIDE

TDT1000

Transducer Diagnostic Tester

Kit Includes

- TDT1000
- Test cable with terminal box for transducers with NO connector
- Power charger with USB to Micro USB adapter
- Carrying case
- International wall-plug adapter kit (UK, Australia, and Europe)
- TDT Test Block
- OEM test cables (purchased separately)



Before you start

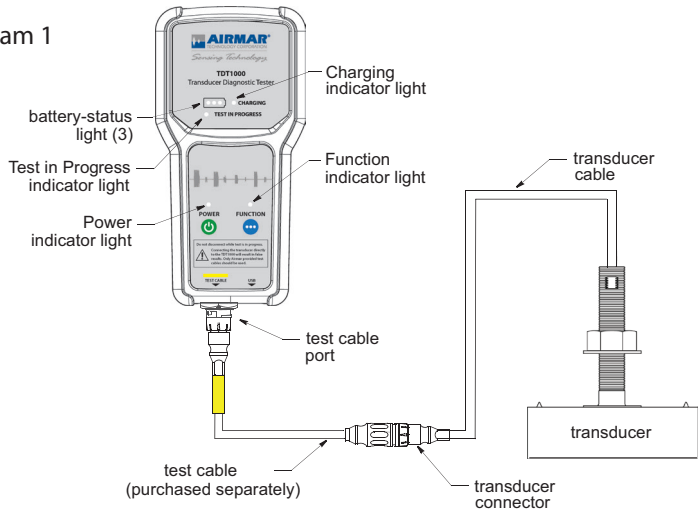
- 1. Read the entire TDT1000 Owner’s Guide and SensorCheck™ User Manual, review product specifications.
- 2. The SensorCheck™ app must be installed on a Bluetooth® LE-enabled iOS or Android device to connect to the TDT1000.

CAUTION: The transducer must be connected to the TDT1000 through an OEM test cable. Do not connect the transducer directly to the TDT1000.

CAUTION: The transducer and OEM test cable must be connected to the TDT1000 before starting a test. Do not connect or disconnect a transducer while testing is in progress. Doing so may damage the TDT1000.



Diagram 1



Step 1
Prepare the transducer for testing

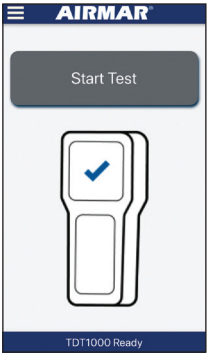
- 1. The transducer being tested must be done one of the following ways:
 - Installed in a boat while the boat is in the water.
 - Tested utilizing the TDT tester block. Best results when test block is submerged in water.
- 2. Utilizing the correct OEM test cable (sold separately), connect the TDT1000 to the transducer cable (Diagram 1). If the transducer does not have a connector, it must be connected through the terminal box. Follow the color-coded instructions on the terminal box.

Available OEM Test Cables:	Part Number
Furuno, 10M - FU connector	33-1328-01
Furuno/Si-tex, 8M - F (Fuji) connector	33-1327-01
Furuno 12 pin FU connector	TDT-FJ12
Garmin, 6M - A connector	33-1324-01
Garmin, 8M - G connector	33-1325-01
Garmin, 12M - G connector	33-1326-01
Koden, 8M - A connector	33-1338-01
Lowrance Chirp, dual 7FB - LR connector	33-1333-01
Lowrance Conventional, 7FB - LR connector	33-1332-01
Mix & Match, 1kW, 9F - A connector	33-1323-01
Mix & Match, 600W, 5F - A connector	33-1389-01
Mix & Match Chirp, 12M - MM connector	33-1390-01
Navico, dual 9F - A connectors	33-1388-01
Navman, 6M - A connector	33-1335-01
Simrad, 7M - A connector	33-1334-01
Si-tex, 8F - A connector	33-1337-01
Raymarine, 6/9F - A connector	33-1330-01/1310-01 (Sense Resistor Ident.)
Raymarine, 11M - LTW connector	33-1331-01/1312-01 (Sense Resistor Ident.)
Raymarine, 8M - RR connector	33-1329-01/1311-01 (Sense Resistor Ident.)

Visit [AIRMAR.COM/TDT1000](https://www.airmar.com/TDT1000) for the most updated OEM test cable list.

Step 2
Start the test

- 1. Power on the TDT1000. The LED will glow green.
- 2. Open the SensorCheck app on your device and connect to the TDT1000 via Bluetooth.
- 3. Ensure the transducer is connected to the TDT1000 with the proper OEM test cable.
- 4. Press the **Start Test** icon on the SensorCheck app to begin the test.



NOTE: If the SensorCheck app does not connect to TDT1000, see the back panel of this Quick Start Guide, **Troubleshooting**.

- 5. SensorCheck automatically checks for Xducer ID® (Screen A). If found, the test will begin.

If not found, you will have to enter the information requested on the screen (Screen B) by scanning the bar code on the cable label or entering model or serial number.

