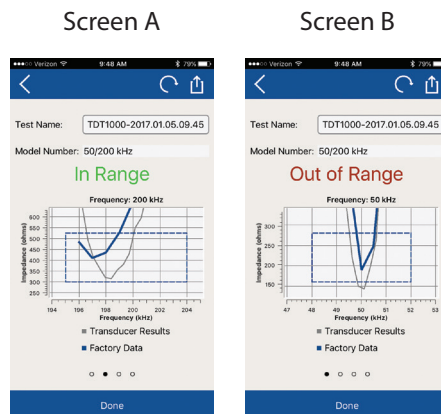


### Step 3 Review your results

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**, email test results with your contact information to [ttd1000@airmar.com](mailto:ttd1000@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/connect to the TDT1000

- Make sure Bluetooth is LE. Older phones may not have Bluetooth LE.
- Only one app/Bluetooth device can connect to TDT1000 at a time. Make sure no other devices are already connected. 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 adapter 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](mailto:sales@gemeco.com)

Airmar EMEA (Europe, Middle East, Africa)  
Tel: +33.(0)2.23.52.06.48  
email: [sales@airmar-emea.com](mailto: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
- Adapter 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)
- OEM adapter cables (if purchased)
- TDT Test Block



Before you start

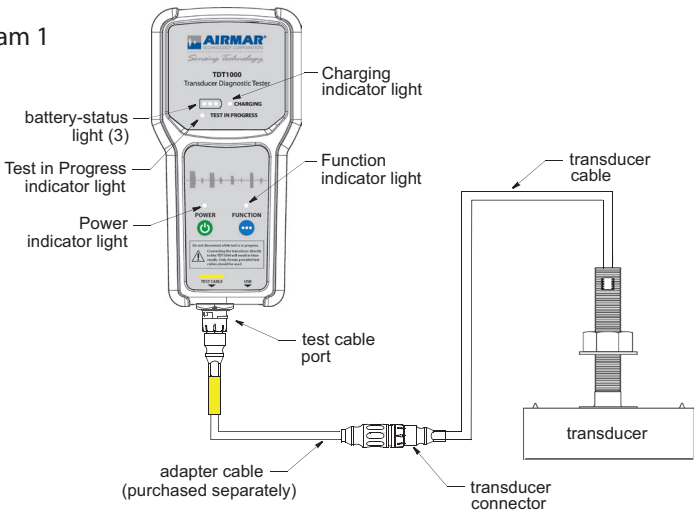
- 1. Read the entire Owner’s Guide, review product specifications, and register your product at [www.airmar.com/tdt1000](http://www.airmar.com/tdt1000).
- 2. The SensorCheck™ app must be installed on a Bluetooth® LE-enabled iOS or Android device to connect to the TDT1000.



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

**CAUTION:** The transducer and OEM adapter 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.
- 2. Utilizing the correct OEM adapter 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 Adapter Cables:	Part Number
Furuno Adapter Cable, 10M - FU connector	33-1328-01
Furuno/Si-tex Adapter Cable, 8M - F (Fuji) connector	33-1327-01
Garmin Adapter Cable, 6M - A connector	33-1324-01
Garmin Adapter Cable, 8M - G connector	33-1325-01
Garmin Adapter Cable, 12M - G connector	33-1326-01
Koden Adapter Cable, 8M - A connector	33-1338-01
Lowrance Chirp Adapter Cable, dual 7FB - LR connector	33-1333-01
Lowrance Conventional Adapter Cable, 7FB - LR connector	33-1332-01
Mix & Match Adapter Cable, 1kW, 9F - A connector	33-1323-01
Mix & Match Adapter Cable, 600W, 5F - A connector	33-1389-01
Mix & Match Chirp Adapter Cable, 12M - MM connector	33-1390-01
Navico Adapter Cable, dual 9F - A connectors	33-1388-01
Navman Adapter Cable, 6M - A connector	33-1335-01
Simrad Adapter Cable, 7M - A connector	33-1334-01
Si-tex Adapter Cable, 8F - A connector	33-1337-01
Raymarine Adapter Cable, 6/9F - A connector	33-1330-01/ <b>1310-01 (Sense Resistor Ident.)</b>
Raymarine Adapter Cable, 11M - LTW connector	33-1331-01/ <b>1312-01 (Sense Resistor Ident.)</b>
Raymarine Adapter Cable, 8M - RR connector	33-1329-01/ <b>1311-01 (Sense Resistor Ident.)</b>

Visit [AIRMAR.COM/TDT1000](http://AIRMAR.COM/TDT1000) for the most updated OEM Adapter 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. 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*.



- 4. 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).

