

# TTC 30 and TTC 10

## Transponder Test and Configuration unit



KONGSBERG

### TTC 30 and TTC 10

The TTC unit is for on deck acoustic testing and configuration of the cNODE® transponders.

The TTC can test all KM transponder channels including the latest Cymbal acoustic protocols. It can also test telemetry transponders with internal and external sensors.

Two TTC models are available:

- TTC 30 (Medium frequency)
- TTC 10 (Low frequency)

The TTC units come with:

- 1 x Test Transducer
- 1 x Serial Line Cable
- 1 x Mains Power Cable

The TTC is a touch screen/trackball operated transponder tester set in a splash-proof portable case with carrying handle and shoulder strap. It has an internal rechargeable battery.

### Acoustic test

The test transducer is used for acoustic test. The TTC communicates with transponder through the transducer. Acoustic test includes

**On deck acoustic testing and configuration for:**

**cNODE®, MPT, SPT and MST transponders**



TTC suitcase



TTC set up for acoustic test and configuration

interrogation, read/set transponder parameters and reading internal and external transponder sensors.

### Configuration

The serial line cable connects a cNODE transponder to the TTC and is used for transponder configuration

such as changing acoustic mode and default channels and SW download.

### Power supply

Mains power cable is used to connect the TTC to a standard 115/230 Vac mains supply to recharge the internal battery.

## Technical Specification

### Common specifications

Weight:.....19 kg  
Degree of Protection:.....IP 54  
Case dimensions:.....386 x 488 mm x 185 mm

### Electrical details

Input voltage:....100 to 240 Vac (47 to 63 Hz)

### Environmental conditions

Operation temperature:..... - 5 to 55 °C

Storage temperature:.....- 30 to 70 °C

### Batteries

Type of cells:.....Lead/Acid  
Battery lifetime:.....3 hours

### TTC 30

Operating frequency:.....Medium frequency

### TTC 10

Operating frequency:....Low frequency

### Test Transducer

Cable length:.....2.5 m

### Serial Line Cable

Cable length:.....5 m

### Mains Power Cable

Cable length:.....2 m

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