

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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