

TELEMETRY TRAINER

15.03.2021

The Telemetry Trainer is a logging tool simulator implementing the latest generation of ALT telemetry. Using it in conjunction with ALT acquisition systems (*SCOUT - SCOUTPRO - OPAL*) enables LoggerSuite to optimise telemetry for your specific wireline, ultimately improving bandwidth and therefore logging speed.

In technical terms, the Telemetry Trainer allows an electrical transfer function of a wireline to be computed. A filter is calculated from the transfer function that can be applied to the telemetry signal to counteract the distortion of the communication pulses sent through the wireline.

The Telemetry Trainer is recommended for users with long single or multi-conductor wirelines and without access to ALT tools implementing the latest generation of telemetry.

The Telemetry Trainer can be delivered with a **G01** or **QL43** top connection.

G01 top connection



QL43 top connection



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SPECIFICATIONS



Telemetry Trainer (G01)

- **Diameter:** 40mm
- **Length:** 0.37m (14.6")
- **Weight:** 1.6 kg (3.5lbs)
- **Max. Temp:** 70°C (158°F)
- **Max.Pressure:** 1 bar (15psi)



Telemetry Trainer (QL43)

- **Diameter:** 43mm (1 11/16")
- **Length:** 0.34m (13.36")
- **Weight:** 2.12 kg (4.7lbs)
- **Max. Temp:** 70°C (158°F)
- **Max.Pressure:** 1 bar (15psi)

Cable

- **Cable type:** Telemetry Trainer G01 version > mono conductor cables
Telemetry Trainer QL43 version > multi conductor cables
- **Compatibility:** SCOUT - SCOUTPRO - OPAL

Software requirements

- **LoggerSuite:** 12.1 or higher
- **WellCAD:** 5.1 or higher

Logger firmware requirements

- **Jazz:** 211 or higher
- **ALT Modem:** 1.15 or higher