

PRESS RELEASE

Portable Long Range TDR type IRG 4000 portable time domain reflectometer with wireless remote control

Fast and (even more) reliable: Cable fault location in a case

Sulz, September 2021 – With the IRG 4000 portable, BAUR GmbH is offering its tried-and-tested time domain reflectometer as a portable variant in a dust-proof, shock-proof and weather resistant wheeled case. This set now gives operators the choice between using their time domain reflectometer with or without the test van, as the case contains everything necessary for rapid cable fault location. In addition to the device itself, the case has compartments for cables and accessories, and a laptop with the BAUR Software 4 installed. This software is intuitive to operate and supports even less experienced operators when trying to pinpoint faults.–An optionally available HV connection set makes it possible to conduct work on HV cable terminations up to 10 metres high.

One special feature of the new IRG 4000 portable is the option of being able to operate it wirelessly via the laptop. Not only is this safer for the operator, thanks to the perfect galvanic isolation, it is also more convenient, as the user can operate the time domain reflectometer wirelessly from a vehicle or shelter away from the wind and weather.

The IRG 4000 portable supports the following cable fault location methods:

- Three-phase Time Domain Reflectometry
- Trace comparison methods including Envelope curve display for intermittent faults
- Insulation resistance measurement up to 1,000 V

In combination with the corresponding HV devices/systems, all BAUR fault pre-location methods are also possible:

- Secondary/Multiple Impulse Method (SIM/MIM)
- ICM with surge voltage or in DC mode
- Decay method
- Differential methods for the fault location in branched networks

You can find further information at <https://www.baur.eu/en/irg-4000-portable>