

Press release

titron cable test van now available with new functions for quick cable diagnostics and cable fault location

BAUR app manages the titron system in pin-pointing cable faults

Sulz, December 2015 – It's only been a few months since the launch of their new, fully-automatic cable test van, "titron", and BAUR GmbH is already expanding its range of equipment. The objective of the new functions is to provide quick cable diagnostics as well as improved and non-destructive location of cable faults. In addition - just as with the entire titron device - the focus was on easy and intuitive operation.

Quicker analysis of the cable state

With the partial discharge measurement and dissipation factor measurement ($\tan \delta$), titron now offers various cable diagnostics options. Work is facilitated by the fact that all testing and diagnostics functions can be managed via the central software of the cable test van. The testing and measurement sequences are in accordance with international standards and can be initiated via mouse click. The results then flow into a joint cable database. This means the testing and measurement logs are immediately available for analysis after the next synchronisation with the company network, which then provides the asset management team with a valuable basis for decision-making.

Control fault pin-pointing via smartphone

The "Remote App" for Android and iOS smartphones is also new. With this app, important functions of titron can be remotely controlled in the process of cable fault pin-pointing. The app displays the map section of the BAUR GeoBase Map required for the fault location and information on the cable. The test engineer can, for example - in consideration of all safety-relevant regulations - start the surge voltage generator via the smartphone and stop it after the location. This way, the cable is only exposed to the high voltage for as long as necessary. During pin-pointing, important information on the status of the system is visible on the screen, e.g. voltage, surge sequence and surge energy. For the purpose of increased safety, the remote app is activated and unlocked by the test engineer for each pin-pointing process. To unlock the remote app, the test engineer reads a QR-Code, generated by the cable test van software, into the smartphone.

Titron is available with the new diagnostic equipment and the corresponding software from the first quarter of 2016; the Remote App will be available at the same time. With immediate effect, in addition to the three-phase version, titron is also available in a one-phase version, which offers equally high performance.



Remote control via app: The surge voltage generator of the titron cable test van can be started and stopped for the cable fault pin-pointing via the smartphone. This way, the cable route is not loaded with high voltage pulses for longer than necessary.

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