



ENSURING THE FLOW.

Press release

Efficient technology and intuitive operation

Locate cable faults faster with the new BAUR “titron” cable test van

Sulz, November 2014 – With the “titron”, BAUR Prüf- und Messtechnik GmbH presents a new, automatic cable test van. Its modern equipment and innovative operational concept make fault location on one- to three-phase cable easier. In addition, depending on the design, the titron offers high performance DC and VLF truesinus[®] voltage sources for cable and cable sheath testing.

All measurement processes as well as control of the safety functions and the high voltage switches are carried out via mouse click and run automatically in the background. The user interface that is intuitive to operate and optimally adapted to the work process supports the test engineer throughout the whole fault location process.

The comprehensive safety system, electronic overvoltage protection measures and central system monitoring ensure the highest level of protection for the test engineer and for the high quality testing equipment.

Efficient technology and effective methods

Thanks to the central system control and the high-performance hardware, the titron enables quick and precise cable fault location. This minimises downtime in the network. The intelligent Smart Fault Location Guide supports the test engineer, and independent of the cable, fault type and measurement results, it recommends further steps and the optimum voltage level needed to identify the exact location of the fault. Despite this, the user is, at any time, able to deviate from the default system parameters and to shape the measurement process according to his experience.

The new high-performance surge voltage generator makes the highest surge energy possible on all voltage levels, thus guaranteeing efficient cable fault location. One of its distinguishing advantages is the ability of the surge capacitor to charge very quickly to the maximum power surge which benefits precise fault pinpointing.

For the cable fault location, both the tried-and-tested and further developed methods (e.g. Time Domain Reflectometry, Secondary Impulse Method SIM/MIM, DC SIM/MIM, Impulse Current and Decay method, as well as the combined method of Conditioning SIM/MIM) are available. The latter makes the detection of wet cable faults that are difficult to locate even quicker and more effective.

With the innovative Cable Mapping Technology, the user has an overview of the cable accessories and cable faults on the respective cable route. This is displayed proportionally to the cable length.



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The optional GPS supported map, BAUR GeoBase Map, provides an even better overview as well as greater orientation in the cable fault location process. It combines roadmaps with the BAUR cable database and enables the display and storage of the current location, the cable route and the fault.

Through numerous options, the cable test van, which is already extensively equipped ex works, can be easily adapted for individual purposes and needs.

The BAUR titron cable test van is available from April 2015.



Exterior and interior views of the new BAUR titron cable test van, incl. options

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