

into the
future...



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Cable Diagnostics and Testing and Fault Location

Central control and measuring system IRG 3000



- * Most modern technique
- * Automatic functions
- * Easy handling
- * Attractive design
- * Compact system
- * VLF sinewave testing
- * Dissipation factor measurement tan delta
- * Partial discharge measurement with source localisation
- * Cable fault pre-location
- * Cable fault pin-pointing

Cable test van »TRANSCABLE«



The latest generation of the BAUR cable test van combines the comprehensive diagnostic technique with the proven BAUR cable fault location systems. A central cable data base, many automatic functions as well as easy definable programme sequences are just a few features of the new system.

The central control and measuring system IRG 3000 offers optimum support for cable diagnostics, testing and fault location. Most modern hardware and software technique represent a unique combination - with increased functionality and attractive design.

Technical data

Testing:	
VLF sinewave 0.1 Hz	38 kVrms
DC	70 kV
Dissipation factor measurement:	
Load range	10 nF – 3 µF
Measuring range	0.1 x 10 ³ bis 100 x 10 ³
Resolution	1 x 10 ⁵
Partial discharge measurement:	
Voltage range	36 kVrms
Sampling rate	10 ns (100 Msamples)
Resolution	0.1 pC; 0.1 m
Cable fault location:	
Surge voltage	1 - 32 kV, stepless adjustable
Surge energy	1100 Ws, 1536 Ws or 2048 Ws
Pulse Reflection Method	160 V, 1000 km
Secondary Impulse Method (SIM)	32 kV
Impulse Current Method	32 kV
Decay Method	70 kV

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