# Technical specification for High Voltage Breaker Analyzing Tester and accessories

1.The High Voltage Breaker Analyzing Tester and accessories unit is a complete toolbox for analysing high voltage circuit breakers in the field.

2.Essentially the unit can analyse contact timing and travel, coil and motor current/voltage, point on wave switching and fast trip online analysis.

3. It is designed to be used together with a notebook computer even if some fundamental tests can be done stand-alone.

4. The notebook solution allows for versatility, customisability and simplicity.

**INCLUDED equipment should be.**

* High Voltage Breaker Analyzing Tester with computer analysis software and Mains Cable
* Connection accessories (Clips & Jumpers), Communication cable
* Rotary digital transducer RSI503 2500ppr (x3)
* Cable for digital transducer 25m (x3)
* Contact timing cables (16m T-cables) (x3)
* Cable for measuring of motor voltage and motor current
* Cable for measuring of coil voltage and coil current (x2)
* Static/Dynamic resistance cables L131 (17m)
* Transporting case, Earthing cable
* Transducer Fastening kits (S120) (x3)
* Data Logger Compatible with the test set
* AC/DC Minimum Trip Supply 40A
* Pelican type transport case for Analyzer
* Hyperlon type case for accessories and leeds.

**FEATURES of the High Voltage Breaker Analyzing Tester and accessories.**

* Advanced breaker testing from a laptop
* Free system software
* Supports both digital and analogue transducers
* Built in micro-ohm measuring function 200A
* Optional ‘First trip analysing method’
* Automatic measurement of coil and motor current/voltage

**TECHNICAL DATA**

* Power supply input AC voltage: 85 – 265 V, 50 – 60 Hz
* Power supply input DC voltage: 100 – 375 V
* Number of main contact timing channels: 12 (4x3)
* Number of auxiliary contact timing channels: 6 (2x3)
* Resistance measure range (200A): 0 – 1000 microOhm (± 2 microOhm)
* Serial communication interface type: RS232
* Internal battery (lead accumulator): 12 V, 6 Ah
* Dimensions: 458x331x153 mm (18”x13”x6”),
* Weight: not more than 12 Kg