BA100
Portable and laboratory based Oil Test Set

- Ultra fast switch-off time (< 5 µs)
- Housed in a metal case for proper RFI/EMC shielding
- Measurement also of silicone-, mineral- and ester oils

The BA Breakdown Analyzer is the smallest and lightest portable oil test set its rating available.

The 2.8″ colour display (ultra bright) is very bright and offers optimal readability mobility.

For measuring modern silicon, mineral and ester oils a very fast switch-off time after flash over is crucial. The BA has the fastest switch-off time on the market available (< 5 µs).

With the PC Software "BA ControlCenter" individual test procedures can be programmed and several units can be controlled and overviewed simultaneously. Test results are available in printed form, as pdf and as text files. The unit has USB Flash Drive and a Bluetooth connection for communications between the test unit and the PC.

Features

Usability
- Low weight and compact design
- Very bright colour display
- Internal Battery
- External 12 V Supply

Technology
- Ultra fast switch-off time (< 5 µs)
- Direct measurement of output voltage
- Measurement also of silicone-, mineral- and ester oils
- Housed in a metal case for proper RFI/EMC shielding

Communications
- Bluetooth connection
- USB Flash Drive
- Intuitive control

b2 electronic gmbh

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Type	BA100
Article number	SB0005
Output Voltage	Up to 100 kV rms symmetrical
Voltage measurement accuracy	±1 kV
Spannungsanstiegsgeschwindigkeit	0.5 … 10 kV/s
Resolution (displayed)	0.1 kV
Power supply	85 V … 264 V (47 Hz … 63 Hz) and 12 V external supply
Power consumption	60 VA
Internal rechargeable battery	1 x 12 V / 7.2 Ah
Switch-off time on flashover	< 5 µs
Measurement of oil temperature	0 … 100 °C
Temperature resolution	1 °C
Display	2.8″ colour (ultra bright / TFT)
Selectabel programs	VDE370-5/96, ÖVE EN 60156, IEC 60156/95, ASTM1816-04-1, ASTM1816-04-2, ASTM877-02A, ASTM977-02B, AS1767.2.1, BS EN60156, NEN 10 156, NF EN60156, PA SEV EN60156, SABS EN60156, UNE EN60156, single measurement, other standards possible
Customer-specific programs	Unlimited
PC Software „BA Control Center"	Included
Printer	Graphical output 44 mm (dot matrix)
Interface	Bluetooth
USB	USB memory stick
Operating temperature	-10° … +55 °C (extended temp. range)
Storage temperature	-20° … +60 °C
Relative humidity	Non condensing
Dimensions W x H x D	521 x 343 x 300 mm
Weight	32 kg incl. batteries

Scope of delivery

- Breakdown Analyzer BA
- Test vessel with electrodes
- PC Software „BA ControlCenter"
- Printer
- Battery
- Ring nut wrench
- Lifting stick for magnetic stirrer
- Magnetic oil stirrer
- Setting gauge 2.5 mm
- User Manual

Additional Accessories

GB0050 Test vessel IEC60 156 with cover and electrodes

GB0051 Test vessel IEC 60 156 with cover and electrodes

GB0052 Test vessel ASTM D 877 with cover and electrodes

GB0053 Test vessel ASTM D 1816-04 with cover and electrodes

VKR0014 Transport Bag

VKR0017 Dust Cover

VKR0015 Rugged Transport Box

GB0110 - GB0114 Setting gauge 1 / 2 / 2.5 / 4 / 5 mm

GB0120 Lead for connecting vehicle cigarette lighter socket (12 V, 5 m)

GB0103 Ribbon cartridge for printer

GB0102 Paper roll for printer

TÜV AUSTRIA
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