



BA

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 of silicone-, mineral- and ester oils
- Housed in a metal case for proper RFI/EMC shielding

Communications

- Bluetooth connection
- USB Flash Drive

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Subject to alternations –
errors excepted
Illustrations are not binding

BA100

Laboratory based Oil Test Set

The BA Breakdown Analyzer is the smallest and lightest oil test set its rating available. The 2.8" colour display (OLED) is very bright and offers an optimal readability even for outdoor use.

For testing 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 Control Center" 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.



Type	BA100
Article number	SB0005
Output Voltage	Up to 100 kV rms symmetrical
Voltage measurement accuracy	±1 kV
Voltage rise rate	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	75 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)
Selectable 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	-5° ... +45 °C
Storage temperature	-20° ... +60 °C
Relative humidity	Non condensing
Dimensions W x H x D	521 x 343 x 300 mm
Weight	32 kg including batteries
Delivery includes	Breakdown Analyzer BA, Test vessel with electrodes, PC Software "BA Control Center", Printer, Battery, Lifting stick for magnetic stirrer, Magnetic oil stirrer, Setting gauge 2.5 mm IEC, User manual,

	Article Number		Article Number
Test vessel IEC60 156 with cover and electrodes	GB0058	Rugged Transport box	VKR0015
Test vessel IEC 60 156 with cover and electrodes	GB0055	Setting gauge 1 or 2 or 2.5 or 4 or 5 mm	GB0110-0114
Test vessel ASTM D 877 with cover and electrodes	GB0056	Ring nut wrench (test vessel)	GB0106
Test vessel ASTM D 1816-04 with cover and electrodes	GB0057	Lead for connecting vehicle cigarette lighter socket (12V, 5m)	GB0120
Transport bag	VKR0014	Ribbon cartridge for printer	GB0103
Dust cover	VKR0017	Paper roll for printer	GB0102