



Representative image

No 12

SET THE STANDARD!



HIGH VOLTAGE
DIAGNOSTICS

BA100 Breakdown Analyzer for Oil Testing

- › **USABILITY**
 - Weight 32kg (70,5 lbs)
 - Ultra bright colour display
 - Internal battery, external 12V Supply
- › **TECHNOLOGY**
 - Ultra fast switch-off time (< 5 μ s)
 - Direct measurement of output voltage
 - Measurement of silicone oils
- › **COMMUNICATIONS**
 - Bluetooth connection
 - USB flash drive
 - Intuitive control concept

Technical Data

Output Voltage	Up to 100kV rms symmetrical
Voltage measurement accuracy	0 ... 100 kV } ±1 kV
Voltage slew rate	0.5...10 kV/s
Resolution (displayed)	0.1 kV
Power supply	85 V ... 264 V (47 Hz ... 63 Hz) and 12V external supply
Power consumption	75 VA
Internal rechargeable battery	1 x 12V / 7.2Ah
Switch-off time on flashover	< 5 µs
Measurement of oil temperature	0 ... 100 °C (32 ... 212 °F)
Temperature resolution	1 °C (1.8 °F)
Display	2.8" colour (ultra bright)
Selectable programs	ASTM1816-04-1, ASTM1816-04-2, ASTM877-02A, ASTM877-02B, AS1767.2.1, BS EN60156, CEI EN 60156, IEC 156/95,...
Customer-specific programs	unlimited
PC Software "BA Control Center"	included
Printer	graphical output 44mm
Interface	Bluetooth
USB	USB memory stick
Operating temperature	-5° ... 45 °C (23 ... 113 °F)
Storage temperature	-20 ... +60 °C (-4 ... +140 °F)
Relative humidity	Non condensing
Dimensions W x H x D	521 x 343 x 300mm (20.6" x 14.7" x 11.9")
Weight	32kg (70,5 lbs) including batteries





Delivery includes

- › Breakdown Analyzer BA100
- › Printer
- › Battery
- › Lifting stick for magnetic stirrer
- › Magnetic oil stirrer
- › Setting gauge 2.5 mm IEC
- › User manual

Order Code for BA100: SB0005

Options and spare parts

- › Transport bag
- › Rugged Transport box with trolley
- › setting gauge 1 or 2 or 2,5 or 4 or 5mm
- › Ring nut wrench (for test vessel)
- › Lead for connecting vehicle cigarette lighter socket (12V, 5m)
- › Ribbon cartridge for printer
- › Paper roll for printer

		Order code
PT100 Test vessel IEC 60 156 with cover and electrodes		GB0058
PT100 Test vessel IEC 60 156 with cover and electrodes		GB0055
PT100 Test vessel ASTM D 877 with cover and electrodes		GB0056
PT100 Test vessel ASTM D 1816-04 with cover and electrodes		GB0057



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