SET THE STANDARD!

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 μs)
- 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
◦ Lifting stick for magnetic stirrer
◦ User manual
◦ Printer
◦ Magnetic oil stirrer
◦ Battery
◦ Setting gauge 2.5 mm IEC

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 for BA100: SB0005