

A NEW GENERATION

BA60 - Low Cost Portable Oil Breakdown Analyser

The voltage at which oil breaks down is a valuable indication of the health of the oil. The tests that can be performed are well standardized internationally and our equipment is designed to automate the different variations of the tests required.

The BA range of oil testers from HVDSA are renowned for their small size and low weight and are packed full of features to allow easy testing of the oil samples. The range is available in various maximum voltages to best suit the requirements and budget of our customers.

BENEFITS

- Accurate, reliable and repeatable performance
- Ease of use
- Fully automated testing
- Automated analysis and reporting
- Cost effective
- Small, portable and lightweight
- Quality design and manufacture



Features

- Compact and light
- Ultra-bright colour display
- Automatic test sequences meeting all relevant standards
- Nondestructive testing of synthetic oil, ester oil and silicone oil
- Direct measurement of high voltage output
- Monitored rise times
- Easy to use with PC Software supplied
- Customer specific test sequences programmable
- Different test cells available
- Automatic magnetic stirrer
- Automatically generated test reports
- Extended operating temperature
- USB drive interface & Bluetooth™ connection
- Ultra fast switch-off

Applications

- Transformers • Switchgear





Oil Standards

• ASTM1816-04-1 • ASTM1816-04-2 • ASTM877-02A • ASTM877-02B • AS1767.2.1 • BS EN60156 • CEI EN 60156 • IEC 156/95 • IRAM 2341/72 • JIS C2101/78 • MSZ 20880/74 • NBN C27-002 • NEN 10 156 • NF EN60156 • ÖVE EN60156 • PA SEV EN60156 • PN77/E-04408 • RVHP 1985 • SABS EN60156 • VDE370-5/96 • UNE 21 309/70 • UNE EN60156 • UTE C27-221/74

TECHNICAL DATA

Output Voltage	Up to 60kV 60 Hz rms symmetrical
Voltage measurement accuracy	0 ... 60 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)
Power consumption	60 VA
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, IEC156/95, IRAM 2341/72, JIS C2101/78, MSZ 20880/74, NBN C27-002, NEN 10 156, NF EN60156, ÖVE EN60156, PA SEV EN60156, PN77/E-04408, RVHP 1985, SABS EN60156, VDE370-5/96, UNE 21 309/70, UNE EN60156, UTE C27-221/74
Customer-specific programs	Unlimited
PC Software "BA Control Center"	Included
Printer	Graphical output 44mm
Wireless interface	Bluetooth™
USB	USB memory stick
Operating temperature	-5° ... 45 °C
Storage temperature	-20 ... +60 °C
Relative humidity	Non condensing
Dimensions (WxHxD)	430 x 280 x 250mm
Weight	18kg

ORDER CODES

PRODUCT DESCRIPTION	PART NO.
* BA60 copper red	SB0006
OPTIONAL ADD-ONS	
Transport bag (BA60)	VKR0011
Rugged transport box (BA60)	VKR0010
Setting gauge 1 / 2 / 2,5 / 4 / 5mm	GB0110-0114
Ring nut wrench (test vessel)	GB0106
Test vessel IEC 60 156 with cover and electrodes	 GB0050
Test vessel IEC 60 156 with cover and electrodes	 GB0051
Test vessel ASTM D 877 with cover and electrodes	 GB0052
Test vessel ASTM D 1816-04 with cover and electrodes	 GB0053

*STANDARD DELIVERY INCLUDES:

- Breakdown Analyzer BA60
- User manual

PRODUCT EXCLUDES:

- Battery
- Test Vessel
- Integrated printer



HV Diagnostics
www.hvdsa.com

GLOBAL THINKING, LOCAL ACTION