We proudly
present our new

HVA68TD

VLF high voltage test set with Tan Delta
diagnostics and Arc Pre-Location (APL)

APL function

b2
electronics

INNOVATING THE FUTURE OF VLF TESTING

Trouble-free distribution of electricity with medium voltage cables is nowadays more important than ever. In order to avoid failures during their operation, cables need to be tested.

To support energy distributors and cable testing service companies with on-site cable testing, we are constantly looking for smart solutions.

That's why we developed the new HVA68TD, which is more than just a VLF tester. In addition to VLF testing & Tan Delta diagnostics capability, it allows to pre-locate arcs in the cable insulation. This makes the HVA68TD the smartest VLF test set available.

ARC PRE-LOCATION (APL)

A new dimension for VLF testing

VLF withstand tests are used to detect weaknesses in the cable insulation. While a healthy cable is passing the voltage withstand test unharmed, a cable with pre-damaged insulation will break down during this test, resulting in an arc.

Arc Pre-Location information adds additional value to traditional VLF testing, which helps to save time and cost in the subsequent cable fault location process.

HVA68TD

APL functionality
Pre-locates arcs while testing

New design
Rugged device housing, designed for heavy-duty on-site operation

Visit our webpage for further information.
www.b2hv.com

Performance: Best in class output power combined with outstanding TD diagnostics features.

Safety first: Two independent discharge devices (electronic & mechanical) plus an integrated 12 kV backfeed protection system (at 50/60 Hz).

MWT: The HVA68TD offers Monitored Withstand Testing, a combination of withstand testing & Tan Delta diagnostics in compliance with the guide IEEE 400.2.

Connectivity: On-site, no external PC is needed. All results can be downloaded later via USB or Bluetooth for further investigation and easy reporting with the b2 ControlCenter.

Flexible high voltage connection options: Our HV test leads enable a simple and safe connection between HVA & test object. They are available in different lengths and are quickly exchangeable.

Output voltage	max. 68 kV_{peak}, 48 kV_{rms}
Output load*	2 µF @ 0.1 Hz @ 44 kV_{rms}
Dimensions L x W x H*	466 x 340 x 510 mm / 18.3 x 13.4 x 20.1 inch

* Subject to change without notice

GET TO KNOW THE HVA68TD

The new member of our smartVLF® series

The HVA68TD is a truly compact and portable VLF test set that determines the condition of medium voltage cables with a voltage rating up to 46 kV (acc. to IEEE 400.2-2013).
It performs VLF and DC testing, as well as sheath testing with sheath fault location mode (additional fault probe needed).

The high output power of the HVA expands greatly the load possibilities. It allows testing longer cables or several phases in parallel. The integrated Tan Delta diagnostics unit enables a straightforward condition assessment of the cable system.

HVA68TD

HVA45TD

HVA28TD

YOUR BENEFITS

TRUE MODULARITY
HVA68TD can be easily extended to a complete cable diagnostics system by adding products from our PD or PDTD series at any time.

UNLIMITED OPERATING TIME
HVA test sets are designed for continuous operation without any thermal limitations.

DRY SYSTEM
HVA test sets are constructed with non-arcing contacts and no need to change oil. This eliminates routine servicing and makes the test sets almost maintenance-free.

COMPACT AND PORTABLE
Our HVA series has been designed for maximum portability, resulting in widely applicable devices for any type of on-site use.

Contact us anytime,
we are looking forward
to be in touch with you.

b2 electronics

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