**DATA SHEET**

High voltage test device **HA 1885J**

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**Description**

High voltage tester with a fully electronic high voltage source up to 500 VA power. This performance and a short circuit current > 200 mA is required by global standards and is met by these devices. The in Europe required standards for work station safety at test stations of more than 1,000 V such as safety control panels and potential-free high voltage are also met. Thereby a global use in the test bay, in production and in the laboratory is possible.

**High voltage test AC**

- **Voltage range**: 100 up to 5,500 V
- **Current range**: 0 up to 100 mA
- **Short circuit current**: > 200 mA

**High voltage test DC**

- **Voltage range**: 100 up to 6,000 V
- **Current range**: 0 up to 100 mA
- **Residual ripple**: < 3 %

**Insulation measurement DC**

- **Voltage range**: 100 up to 6,000 V
- **Measuring range (voltage dependent)**: 250 kΩ up to 1 GΩ
- **Residual ripple**: < 3 %

**ARC detection (optional)**

- **Range**: 0 up to 100%

**Subjective tests**

- **Picture step / text step subjective or informative**

**General data**

- **Safety power panel**: built-in
- **Threshold values**: all programmable
- **Error message**: visual and audible
- **Clock / calendar**: internal
- **Ramp function**: programmable (IEC 601)
- **Generator**: fully electronic, digital technology
- **Memory**: up to 64 Gbyte
- **Additional function**: programmable inputs and outputs

- **Dimensions (HxWxD) and weight**: 222 x 483 x 487 mm / ca. 24.0 kg / 8.7 x 19.0 x 19.2 in. / ca. 59.9 lbs.
- **Mains supply**: 90 up to 250 V, 50 Hz / 60 Hz

**Interfaces**

- **Computer interfaces**: USB, RS 232, Ethernet / LAN, CAN
- **Digital interface 24 VDC**: 8 input + 8 output
- **Analogue interfaces 10 VDC**: 2 x input + 1 x output

**Operation**

- **Touch**: 10.1"-TFT colour display