# High voltage test device HA 1800M

**Description**

High voltage test devices with integrated safety current limitation at DC and AC voltage. With a few exceptions applicable in all global standards. In these devices the protection of the employee is „on-board“, there is no additional safety protection required.

### High voltage test AC

- **Voltage range**: 100 up to 5,500 V
- **Current range**: 0 up to 3 mA
- **Short circuit current**: < 3 mA

### High voltage test DC

- **Voltage range**: 100 up to 6,000 V
- **Current range**: 0 up to 10 mA
- **Short circuit current**: < 12 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 %

### Subjective tests

- **Text step**: subjective or informative

### General data

- **Threshold values**: all programmable
- **Error message**: visual and audible
- **Ramp function**: programmable (IEC 601)
- **Generator**: fully electronic, digital technology
- **Memory**: 180 MByte
- **Additional function**: programmable inputs and outputs
- **Dimensions (HxWxD) and weight**: 159 x 360 x 331 mm / approx. 10.0 kg / 6.3 x 14.2 x 13.0 in. / approx. 22.0 lbs.
- **Mains supply**: 90 up to 250 V, 50 Hz / 60 Hz

### Interfaces

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

### Operation

- **Keypad for input**: 4.3”-TFT colour display

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**SPS electronic GmbH**
Blätteräcker 18 | 74523 Schwäbisch Hall | Germany
Tel. +49 7907 / 878-0 | info@spselectronic.com | www.spselectronic.com

Subject to change and error.