

HA 1800M high voltage tester

*The relating standards:
 ISO 16750-2
 ISO 21848.5
 many worldwide HV and isolation
 testing standards*

The high voltage tester HA1800M can be used for high voltage tests withstand and insulation resistance tests according to ISO 16750-2 and many worldwide test standards. It has an integrated safety current limitation at AC and DC mode testing.



TECHNICAL DATA

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| Applications: | Withstand voltage test according to ISO 16750-2 (4.11) or ISO/CD 21848.5 (4.10) Insulation resistance test according to ISO 16750-2 (4.12) or ISO/CD 21848.5 (4.10) |
| High voltage test AC: | |
| <i>voltage range:</i> | 100 ... 5500V |
| <i>current range:</i> | 0 ... 3mA |
| <i>short circuit current:</i> | <3mA |
| High voltage test DC: | |
| <i>voltage range:</i> | 100 ... 6000V |
| <i>current range:</i> | 0 ... 10mA |
| <i>short circuit current:</i> | <12mA |
| <i>ripple:</i> | <3% acc. to VDE 0432 |
| Isolation test DC: | |
| <i>voltage range:</i> | 100 ... 6000V |
| <i>measuring range (voltage dependent):</i> | 250kOhm ... 10GOhm |
| <i>ripple:</i> | <3% acc. to VDE 0432 |
| Generic information: | |
| <i>limit values:</i> | programmable |
| <i>error messages:</i> | optic and acoustic |
| <i>ramp function:</i> | programmable (IEC601) |
| Interfaces: | |
| <i>PC:</i> | Ethernet/LAN, 2xUSB, RS232 |
| <i>24V_{DC} digital interface:</i> | 8 input + 8 output |
| Power supply: | 230V (±10%) 50Hz ... 60Hz |
| Ambient temperature: | 0°C ... +40°C |
| Housing: | desktop housing |
| <i>Dimensions:</i> | approx. H=159mm; W=360mm; D=331mm |
| <i>Weight:</i> | approx. 10kg |