

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

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