

TECHNICAL DATA SHEET



Rel. EN 2-00 - 01/09/22

EQUITEST

ACCESSORY FOR CONTINUITY
TEST OF PROTECTION
CONDUCTORS WITH 10A



EQUITEST is the new accessory for continuity measurement up to 10A.



METEL HV000EQT

EQUITEST

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1. TECHNICAL SPECIFICATIONS

Accuracy calculated as $\pm [\% \text{reading} + (\text{num. dgt}) * \text{resolution}]$ at $23^{\circ}\text{C} \pm 5^{\circ}\text{C}$, $<80\% \text{RH}$

CONTINUITY OF PROTECTION CONDUCTORS WITH 10A

RANGE [Ω]	RESOLUTION [Ω]	ACCURACY
0.001 ÷ 1.999	0.001	$\pm(1.0\% \text{rdg} + 2 \text{dgt})$
Test current:	>10A AC (max test cable resistance 0.7 Ω)	
Open voltage:	4 < Vo < 24V AC	
Measurement time:	10 periods (@ 50Hz), 12 periods (@ 60Hz)	
Measurement method:	4-wires	
Overheating:	after at least 20 consecutive tests	

TEST CURRENT

RANGE [A]	RESOLUTION [A]	ACCURACY
0.00 ÷ 19.99	0.01	$\pm(1.0\% \text{rdg} + 2 \text{dgt})$
Safety:	IEC/EN61010-1, IEC/EN61010-2-030, IEC/EN61557-1	
EMC:	IEC/EN61326-1, IEC/EN61326-2-2	
RED:	ETSI EN300328, ETSI EN303446-1, ETSI EN301489-17	
EMC environment of use:	portable, Class B, Group 1	
Insulation:	double insulation	
Pollution level:	2	
Measurements:	IEC/EN61439-1, IEC/EN60204-1, IEC/EN62305-3	
Measurement category:	CAT III 300V to ground and between inputs	

2. GENERAL SPECIFICATIONS

POWER SUPPLY:

Main's supply:	230V/240V $\pm 10\%$, 50/60Hz or 110V $\pm 10\%$, 50/60Hz
Power consumption:	max 70W (@230V, 300mA) (@110V, 600mA)
Fuse protection:	Time-Leg 250V/1A (5x20mm)

EXTERNAL COMMUNICATION:

MASTER instrument interface:	optical cable C2050
Mobile devices interface:	WiFi (via APP HTAnalysis)
Internal status indications:	two colors LEDs

MECHANICAL CHARACTERISTICS:

Dimensions (L x W x H):	210 x 115 x 60mm (8 x 5 x 2in)
Weight (with integrated cable):	approx.1kg (32ounces)
Mechanical protection:	IP40

ENVIRONMENTAL CONDITIONS:

Working temperature:	0°C ÷ 40°C (32°F ÷ 104°F)
Working humidity:	<80%RH
Storage temperature:	-10°C ÷ 60°C (14°F ÷ 140°F)
Storage humidity:	<80%RH
Max operating altitude:	2000m (6562ft)

This accessory complies with requirements of EMC Directive 2014/30/EU

This accessory satisfy the requirements of European Directive 2011/65/EU (RoHS) and 2012/19/EU (WEEE)



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