

## EQUITEST5070

### TESTER FOR RESISTANCE OF PROTECTIVE AND EQUIPOTENTIAL CONDUCTORS FOR MEDICAL ROOMS

EQUITEST5070 is designed to verify equipotential conductors in medical rooms according to relative standards and to verify continuity and voltage drops in the circuits of the electric equipment of machines in compliance with IEC/EN60204-1. It also allows verifying the continuity between the metal reinforcements of reinforced concrete structures. The measuring method is with 4 wires, to eliminate external resistances or resistances caused by contacts.

USE: possibility of use for continuity tests on electric appliances for medical use. An open-circuit test voltage, variable between 6 and 12V (DC or AC) is applied with a test current of 10A. – Possibility of use for tests on switchboard panels according to IEC/EN60439-1 to detect a low resistance between the input terminal of the protective conductor and the body of the corresponding appliance, or to test the suitability of contact of screwed connections. – Possibility of use when checking continuity of concrete structure.

#### FUNCTIONS

Continuity of protective conductors with current >10AAC and voltage under no load >6V and <12VAC
Voltage drop of protective conductors with current >10AAC in compliance with IEC/EN60204-1
4-wires measuring method without resistance compensation of measuring cables
Internal memory with 350 locations
RS-232 serial output for connection to the PC
Power supply: 230V/50Hz electrical mains
Safety: IEC/EN61010-1, CAT III 300V
Insulation: double insulation
Polluting level: 2
Reference standards: IEC/EN60204-1, IEC/EN60439-1
Size (LxWxH) mm: 220x230x85
Weight: approx. 2kg

#### GENERAL CHARACTERISTICS

##### Continuity of earth conductors

Test current:	>10A AC
Open voltage:	>6VAC, <12VAC
Measurement range:	0.001Ω ÷ 0.999Ω
Resolution:	0.001Ω
Basic accuracy:	±(1.0%rdg + 2dgt)

##### Voltage drop test with 10A

Measuring range:	0.01V ÷ 9.99V
Resolution:	0.01V
Basic accuracy:	±(1.0%rdg + 2dgt)

#### ACCESSORIES

	Code
<b>Standard</b>	
2 test cables, 3m length, with alligator clips	C7000
Power supply cord	C2032-2MM
Carrying bag for accessories	WP1991N
ISO9000 calibration certificate	
User manual	
<b>Optional</b>	
Windows software + RS-232 serial cable	TOPVIEW
Safety hard alligator clip	6009-IEC#



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