

FEATURES

- 500 VA AC Test Capacity
- Controllable Ramp-up time
- Zero crossing turn-on operation
- Manual / Auto Mode
- Safety Interlock function

RS PRO IIT2000, Insulation Tester, 1000V, 9.5GΩ

RS Stock No.: 917-6298



RS Professionally Approved Products bring to you professional quality parts across all product categories. Our product range has been tested by engineers and provides a comparable quality to the leading brands without paying a premium price.

Product Description

From the trusted RS PRO brand, the GPT-9000 series electrical safety tester is built upon a platform of AC 500 VA maximum power output. It features a highly-efficient PWM amplifier which is designed to impede the influence from the voltage fluctuation of the input AC source. It also features automatic output voltage cut off (within 150 us) upon the detection of an abnormal output voltage or a trip of current limits during test, and automatically discharges the DUT after each test to eliminate excessive voltage that remains on the DUT.

General Specifications

Model Number	IIT2000
Tester Type	Insulation Tester
Display type	LCD - Dot Matrix
Maximum Insulation Resistance Measurement	9.5GΩ
Insulation Test Range	1MΩ to 9.5GΩ
Insulation Test Voltages	50V to 1000 V
Short-circuit test current Nominal	1mA
Memory	100 blocks
Interface	USB / GPIO / RS-232 / SIGNAL I/O port
Applications	Insulation Testing

Electrical Specifications

Power Source	Mains
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Mechanical Specifications

Dimensions	460mm x 330mm x 150mm
Length	460mm
Width	330mm
Height	150mm
Weight	15kg

Operation Environment Specifications

Altitude	<2000m
Relative Humidity	≤70%
Minimum Operating Temperature Range	0°C
Maximum Operating Temperature Range	+40°C
Pollution Level	2
Storage Temperature Range	10°C to 70°C

Approvals

Compliance/Certifications	EN 61010-1
Declaration	RoHS Certificate of Compliance

