



HYPOT[®] II

Specifications

INPUT	115/230V selectable, $\pm 15\%$ variation 47-63 Hz
FUSE	115 VAC, 230VAC -- 2A fast acting 250VAC
OUTPUT	Rating: AC 0-5000V, 2V/step, 12 mA DC 0-6000V, 2V/step, 5 mA (3565D & 3570D) Regulation: $\pm (1\% \text{ of output} + 5\text{V})$
VOLTAGE SETTING	0V-Max output rating, 10 volts/steps Accuracy: $\pm (2\% \text{ of Setting} + 5\text{V})$ (relative to displayed output) Can be adjusted during operation via UP and DOWN arrow keys.
OUTPUT FREQUENCY	3500D and 3505D: 50/60 Hz selectable 3565D & 3570D: DC and 50/60 Hz selectable
WAVE FORM	Sine wave, Distortion: $< 2\%$ THD
RIPPLE	$< 5\%$ at 6 KV DC/5 mA (for model 3565D & 3570D DC mode only)
DWELL TIME SETTING	0 and 0.2-999.9 second, 0.1 second/steps "0" for continuous running
RAMP TIME SETTING*	0.2 - 999.9 seconds in 0.1 second increments 0 ramp setting = 0.1 seconds fixed
FAILURE SETTINGS	AC mode High limit: 0.10 - 12.00 mA, 0.01 mA/steps Accuracy: $\pm (2\% \text{ of setting} + 0.02 \text{ mA})$ DC mode High limit: 0.02 - 5.00 mA, 0.01 mA/steps Accuracy: $\pm (2\% \text{ of setting} + 0.02 \text{ mA})$
METERING	Voltmeter (3 digits) Range: AC 0.00 - 5.00 KV DC 0.00 - 6.00 KV Resolution: .01 KV Accuracy: $\pm (2\% \text{ of reading} + 10 \text{ V})$ Ammeter (4 digits) Range: AC 0.10 - 12.00 mA DC 0.02 - 5.00 mA Resolution: .01 mA Accuracy: $\pm (2\% \text{ of reading} + 0.02 \text{ mA})$
TIMER DISPLAY	Range: 0.0 - 999.9 seconds Resolution: 0.1 second Accuracy: $\pm (0.1\% \text{ of reading} + 0.05 \text{ seconds})$

GROUND CONTINUITY CHECK	Current: DC 0.1A \pm 0.01A, fixed Max. ground resistance: 1 ohm \pm 0.1 ohm, fixed
REMOTE CONTROL AND SIGNAL OUTPUT	The following input and output signals are provided through the 9 pin D type connector: 1. Inputs: test and reset 2. Outputs: pass, fail, and test in process
SECURITY	Lockout capability to avoid unauthorized access to test set-up program.
LINE CORD	Detachable 7 ft. (2.13m) power cable terminated in a three prong grounding plug.
TERMINATIONS	5 ft. (1.52 m) high voltage and return leads (2) with clips and a standard U.S. style (NEMA 5-15) remote receptacle box for testing items terminated with a line cord. International receptacles also available.
MECHANICAL	Tilt up front feet Dimensions: (W x H x D) 11 x 3.5 x 14.56 inches (280 x 89 x 370mm) Weight: 20 lbs. (9 Kgs)
ENVIRONMENTAL	Operating Temperature: 32° - 113°F (0° - 45° C) Relative Humidity: 0 to 95%
CALIBRATION	Traceable to National Institute of Standards and Technology (NIST). Calibration controlled by software. Adjustments are made through front panel keypad in a restricted access calibration mode. Calibration information stored in non-volatile memory.
LOW CURRENT SENSE*	3505D: 0.00 - 12.00 mA AC Accuracy: \pm (2% of setting + 0.02 mA) 3565D & 3570D: 0.00 - 12.00 mA AC, 0.00 - 5.00 mA DC Accuracy: \pm (2% of setting + 0.02 mA)
MEMORY*	Allows storage of up to 5 different test programs
IR TEST**	Range: 1M Ω - 1000 M Ω Accuracy: \pm (3% of reading + 2 counts) > 500 Volts \pm (7% of reading + 2 counts) < 500 Volts Voltage: 100 - 1000VDC in 10V step Accuracy: \pm (2% of reading + 2 counts) Failure Settings: High/Lo limit 1 M Ω - 1000 M Ω IR Delay Range: 0, 0.5 - 999.9 seconds (0=constant) Resolution: 0.1 seconds Accuracy: \pm (0.1% of reading + 0.05 seconds)

Only available on 3505D, 3565D and 3570D. *

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