

Dedicated function keys for test set-up

Pass lamp lights at the end of a successful test

Manual reset to re-activate the instrument after failure detect

Fail lamp provides visual indication that the test item failed

Push button test switch to activate high voltage

Power-on switch

AC and DC mode select switch

Numeric keys for data entry and test program select

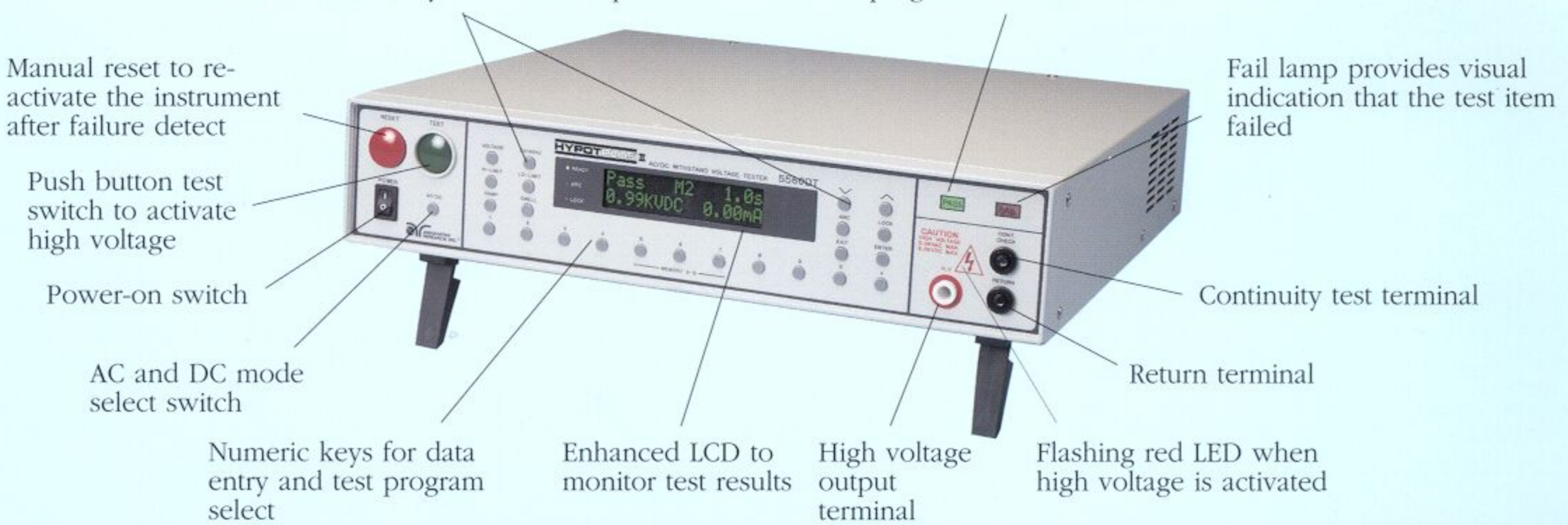
Enhanced LCD to monitor test results

High voltage output terminal

Flashing red LED when high voltage is activated

Continuity test terminal

Return terminal



HypotPLUS® II Specifications

Models:	AC only (Model 5500DT)	AC/DC (Model 5560DT)
INPUT	115 VAC (± 15%), 47-63 Hz, Single Phase 230 VAC (± 15%), 47-63 Hz, Single Phase User Selectable	
FUSE	115/230 VAC-5 Amp	
OUTPUT RATING	5kVAC @ 20 mA	5kVAC @ 20 mA 6kVDC @ 6 mA
OUTPUT ADJUSTMENT	0-5kVAC, 10 volt/step 0-20.00 mA AC, 0.01 mA/step	0-5kVAC (6KVDC), 10 volt/step 0-20.00 mA AC & 6 mA DC, 0.01 mA/step
HIGH TRIP RANGE	0.01-20.00 mA AC Accuracy ±(2% of setting + 0.02mA)	0.01-20.00 mA AC & 0.01-6.00 mA DC Accuracy ±(2% of setting + 0.02 mA)
LOW TRIP RANGE	0.00-19.99 mA AC Accuracy ±(2% of setting + 0.02mA)	0.00-19.99 mA AC & 0.00-5.99 mA DC Accuracy ±(2% of setting + 0.02mA)
CONTINUITY TRIP	1.1 Ohm maximum at .1 Amp	
FAILURE DETECTOR	Audible & Visual (LED & displayed on LCD) meter holds breakdown voltage and leakage current reading after failure.	
VOLTAGE DISPLAY	3 Digits, 6.00 kV Full Scale, LCD Display Accuracy: Readings ± (2% of reading + 10 volts) Settings ± (2% of reading + 5 volts)	
CURRENT DISPLAY	4 Digits, 20.00 mA Full Scale, LCD Display Accuracy: Readings ± (2% of reading + 0.02 mA)	
DC OUTPUT RIPPLE	≤ 5% (6 kV DC, 6 mA)	
AC OUTPUT WAVEFORM	Sine wave, Distortion ≤ 1%	
AC OUTPUT FREQUENCY	50 or 60 Hz, User Selectable	
OUTPUT REGULATION	1% of Setting + 5 Volts	
DWELL TIMER	0.5-999.9 seconds in 0.1 second increments or continuous, accuracy ± (0.1% of reading + 0.05 seconds)	
RAMP TIMER	0.5-99.9 seconds in 0.1 second increments accuracy ± (0.1% of reading + 0.05 seconds)	
REMOTE (PLC)	Inputs-Test, Reset, Program Functions Outputs-Pass, Fail, Remote Alarm, Test in Process	
MEMORY	Allows storage of up to 9 different test programs	
SECURITY	User selectable password to avoid unauthorized access to test set-up program	
LINE CORD	Detachable 7 ft. (2.13 m) power cable terminated in a three prong grounding plug	
TERMINATIONS	5 ft. (1.52 m) high voltage and return leads with clip and a standard U.S. style (NEMA 5-15) remote receptacle box for testing items terminated with a line cord. International plugs also available.	
MECHANICAL	Bench or rack mount (2U height) with tilt up front feet Dimensions: (w x h x d) 17 x 3.5 x 16.5 (432 x 88 x 419mm) Weight 25 lbs. (11.34 kg) net	
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.	

HypotPLUS II includes rear panel high voltage and return connections as well as remote control connections to make it easier to build into a rack mount system.

Advance high resolution LCD clearly indicates set-up parameters and test results. Single function dedicated keys speed set-up without scrolling through the menu.

