

Find the HypotULTRA that's Right for You

Models	7820	7850	7800	7804	7854
Test Capabilities	AC Hipot Ground Continuity	AC Hipot DC Hipot Ground Continuity Insulation Resistance	AC Hipot 500VA DC Hipot Ground Continuity Insulation Resistance	AC Hipot DC Hipot Ground Bond Ground Continuity Insulation Resistance	AC Hipot 500VA DC Hipot Ground Bond Ground Continuity Insulation Resistance
Test Specifications	<p>AC Hipot Voltage Output = 0-5000VAC Leakage Current Limits = 0.000-30.00mA Output Frequency = 50/60Hz</p> <p>Ground Continuity DC Output Current = 0.001A-1ADC Resistance Range = 0.000-10,000Ω</p>	<p>AC Hipot Voltage Output = 0-5000VAC Leakage Current Limits = 0.000-30.00mA Output Frequency = 50/60Hz</p> <p>DC Hipot Voltage Output = 0-6000VDC Leakage Current Limits = 0.0000-10,000µA DC Ripple ≤ 4% Ripple RMS at 6 KVDC @ 20mA, Resistive Load</p> <p>Ground Continuity DC Output Current = 0.001A-1ADC Resistance Range = 0.000-10,000Ω</p> <p>Insulation Resistance Voltage Output = 10-6000VDC Resistance Range = 0.1MΩ-50.0GΩ</p>	<p>AC Hipot Voltage Output = 0-5000VAC Leakage Current Limits = 0.000-100.00mA Output Frequency = 50/60Hz</p> <p>DC Hipot Voltage Output = 0-6000VDC Leakage Current Limits = 0.0000-10,000µA DC Ripple ≤ 4% Ripple RMS at 6 KVDC @ 20mA, Resistive Load</p> <p>Ground Continuity DC Output Current = 0.001A-1ADC Resistance Range = 0.000-10,000Ω</p> <p>Insulation Resistance Voltage Output = 10-6000VDC Resistance Range = 0.1MΩ-50.0GΩ</p>	<p>AC Hipot Voltage Output = 0-5000VAC Leakage Current Limits = 0.000-30.00mA Output Frequency = 50/60Hz</p> <p>DC Hipot Voltage Output = 0-6000VDC Leakage Current Limits = 0.0000-20,000µA DC Ripple ≤ 4% Ripple RMS at 6 KVDC @ 20mA, Resistive Load</p> <p>Ground Continuity DC Output Current = 0.001A-1ADC Resistance Range = 0.000-10,000Ω</p> <p>Insulation Resistance Voltage Output = 10-6000VDC Resistance Range = 0.1MΩ-50.0GΩ</p> <p>Ground Bond AC Output Current = 1.00A-40.00A AC Output Voltage = 3.00-8.00 V Resistance Range = 0-600mΩ</p>	<p>AC Hipot Voltage Output = 0-5000VAC Leakage Current Limits = 0.000-100.00mA Output Frequency = 50/60Hz</p> <p>DC Hipot Voltage Output = 0-6000VDC Leakage Current Limits = 0.0000-20,000µA DC Ripple ≤ 4% Ripple RMS at 6 KVDC @ 20mA, Resistive Load</p> <p>Ground Continuity DC Output Current = 0.001A-1ADC Resistance Range = 0.000-10,000Ω</p> <p>Insulation Resistance Voltage Output = 10-6000VDC Resistance Range = 0.1MΩ-50.0GΩ</p> <p>Ground Bond AC Output Current = 1.00A-40.00A AC Output Voltage = 3.00-8.00 V Resistance Range = 0-600mΩ</p>
Safety	Safety Interlock SmartGFI® Security	Safety Interlock SmartGFI® Security	Safety Interlock SmartGFI® Security	Safety Interlock SmartGFI® Security	Safety Interlock SmartGFI® Security
Productivity	Arc Detection FailCHEK® Cal Alert® Prompt and Hold Ramp-HI® Charge-LO® Touch Screen Multi-Language UI Data Transfer Barcode Capability ProVOLT® Test Memories WithStand®	Arc Detection FailCHEK® Cal Alert® Prompt and Hold Ramp-HI® Charge-LO® Touch Screen Multi-Language UI Data Transfer Barcode Capability ProVOLT® Test Memories WithStand®	Arc Detection FailCHEK® Cal Alert® Prompt and Hold Ramp-HI® Charge-LO® Touch Screen Multi-Language UI Data Transfer Barcode Capability ProVOLT® Test Memories WithStand®	Arc Detection FailCHEK® Cal Alert® Prompt and Hold Ramp-HI® Charge-LO® Touch Screen Multi-Language UI Data Transfer Barcode Capability ProVOLT® Test Memories WithStand®	Arc Detection FailCHEK® Cal Alert® Prompt and Hold Ramp-HI® Charge-LO® Touch Screen Multi-Language UI Data Transfer Barcode Capability ProVOLT® Test Memories WithStand®
Automation	RS-232 USB Ethernet GPIB PLC I/O	RS-232 USB Ethernet GPIB PLC I/O	RS-232 USB Ethernet GPIB PLC I/O	RS-232 USB Ethernet GPIB PLC I/O	RS-232 USB Ethernet GPIB PLC I/O
Warranty	Standard 5 Year Warranty	Standard 5 Year Warranty	Standard 5 Year Warranty	Standard 5 Year Warranty	Standard 5 Year Warranty
Production Test Compliance	IEC/UL 60601-1 IEC/UL 60335-1 IEC 60598-1 IEC/UL 61010-1 IEC/UL 60950-1 UL 45A IEC 61851-1 UL 2202 UL 1598/CSA C22.2 No. 250.0-08 BS EN 60204-1 UL544NP UL484 UL923 UL471 UL867 UL697 UL544P UL1563 IEC60990 IEC60065	IEC/UL 60601-1 IEC/UL 60335-1 IEC 60598-1 IEC/UL 61010-1 IEC/UL 60950-1 UL 45A IEC 61851-1 UL 2202 UL 1598/CSA C22.2 No. 250.0-08 BS EN 60204-1 UL544NP UL484 UL923 UL471 UL867 UL697 UL544P UL1563 IEC60990 IEC60065	IEC/UL 60601-1 IEC/UL 60335-1 IEC 60598-1 IEC/UL 61010-1 IEC/UL 60950-1 UL 45A IEC 61851-1 UL 2202 UL 1598/CSA C22.2 No. 250.0-08 BS EN 60204-1 UL544NP UL484 UL923 UL471 UL867 UL697 UL544P UL1563 IEC60990 IEC60065	IEC/UL 60601-1 IEC/UL 60335-1 IEC 60598-1 IEC/UL 61010-1 IEC/UL 60950-1 UL 45A IEC 61851-1 UL 2202 UL 1598/CSA C22.2 No. 250.0-08 BS EN 60204-1 UL544NP UL484 UL923 UL471 UL867 UL697 UL544P UL1563 IEC60990 IEC60065	IEC/UL 60601-1 IEC/UL 60335-1 IEC 60598-1 IEC/UL 61010-1 IEC/UL 60950-1 UL 45A IEC 61851-1 UL 2202 UL 1598/CSA C22.2 No. 250.0-08 BS EN 60204-1 UL544NP UL484 UL923 UL471 UL867 UL697 UL544P UL1563 IEC60990 IEC60065
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	IEC60065		UL544P UL1563 IEC60990 IEC60065	UL544P UL1563 IEC60990 IEC60065	UL544P UL1563 IEC60990 IEC60065
In the Box	HypotULTRA Instrument Interlock Connector Male Input Power Cable USA High Voltage Lead 5 FT Return Lead 5 FT (x2) Universal US Nema L5-20 Nema L6-20 USB Cable 2U Rack Mount Bracket 2U Rack Mount Handle Rack Mount Handle Screws Fuse	HypotULTRA Instrument Interlock Connector Male Input Power Cable USA High Voltage Lead 5 FT Return Lead 5 FT (x2) Universal US Nema L5-20 Nema L6-20 USB Cable 2U Rack Mount Bracket 2U Rack Mount Handle Rack Mount Handle Screws Fuse	HypotULTRA Instrument Interlock Connector Male Input Power Cable USA High Voltage Lead 5 FT Return Lead 5 FT (x2) Universal US Nema L5-20 Nema L6-20 USB Cable 2U Rack Mount Bracket 2U Rack Mount Handle Rack Mount Handle Screws Fuse	HypotULTRA Instrument Interlock Connector Male Input Power Cable USA High Voltage Lead 5 FT 40 Amp High Current Lead 5 FT Return Lead 5 FT Universal US Nema L5-20 Nema L6-20 USB Cable 2U Rack Mount Bracket 2U Rack Mount Handle Rack Mount Handle Screws Fuse	HypotULTRA Instrument Interlock Connector Male Input Power Cable USA High Voltage Lead 5 FT 40 Amp High Current Lead 5 FT Return Lead 5 FT Universal US Nema L5-20 Nema L6-20 USB Cable 2U Rack Mount Bracket 2U Rack Mount Handle Rack Mount Handle Screws Fuse
Instrument Dimensions	16.92 x 3.50 x 15.75 in (430 x 88.1 x 400 mm)	16.92 x 3.50 x 15.75 in (430 x 88.1 x 400 mm)	16.92 x 3.50 x 15.75 in (430 x 88.1 x 400 mm)	16.92 x 3.50 x 15.75 in (430 x 88.1 x 400 mm)	16.92 x 3.50 x 15.75 in (430 x 88.1 x 400 mm)
Weight	34 lbs (15.4 kg)	35 lbs (16 kg)	45 lbs (20.4 kg)	41 lbs (18.6 kg)	46.3 lbs (21 kg)
Shipping Dimensions & Weight (out-the-door)	Dimension: 22 x 22 x 9 in Weight: 34 lbs (15.42 kg)	Dimension: 22 x 22 x 9 in Weight: 35 lbs (15.88 kg)	Dimension: 22 x 22 x 9 in Weight: 45 lbs (20.41 kg)	Dimension: 22 x 22 x 9 in Weight: 41 lbs (18.6 kg)	Dimension: 22 x 22 x 9 in Weight: 46.3 lbs (21 kg)