Digital DC Power Supply
Model: 1745A

Description:

B+K Precision model 1745A is a 0 to 35V, 0 to 10A DC Power Supply. This power supply has all of the great features and performance you would expect from a B+K Precision power supply. One of these features is the four digit LED display that allows you to see 10mV and 1Ma resolution. Another great feature is the output shorting button that allows the user to short the output terminals to set the current limit.

Features:

- Largest selection of voltage and current ratings ever offered
- Connect two supplies in parallel to double the current output
- Connect two supplies in series to double the voltage output
- Reliable, Durable
- Operate continuously at full load without overheating
- Fully overload protected
- Coarse and fine voltage controls
- Excellent regulation
- Very low ripple
- Constant voltage or constant current operation
- continuously monitor voltage and current output on two meters

Specifications:

Current Voltage:

Output Voltage: 0-35V

Output Current: 0-10A

Constant Voltage Operation:

Voltage Regulation: Line (120VAC ±10%) <0.2% + 2mV

Load (no load - full load) <0.04% + 2mV

Recovery Time :<100 µs

Ripple & Noise: 1mV rms (Typical)

Temperature Coefficient: <300 ppm/°C

Constant Current Operation:

Adjustable Current Limit: 5% to 100%

Current Regulation: Line (120VAC ±10%) <0.4% + 5mA

Load <0.4% + 5mA

Current Ripple: <3mArms

Metering Type: Dual 4-digit LED

Voltmeter Range: 0-99.99V

Voltmeter Accuracy: ± (0.7% + 9 digits) 9 digits)

Power Requirements: 120/220 VAC ±10%, 50/60 Hz

Ammeter Range:

High Range: 0-9.999

Ammeter Accuracy: ± (0.7% + 9 digits 9 digits)

Power Consumption: 560W

Overload Protection: Current limiting, reverse polarity, overvoltage, short circuit

Operating Temperature: 32° to 104°F (0° to 40°C), <75% R.H.

Storage Temperature: 5° to 158°F (-15° to +70°C), <85% R.H.

Made in U.S.A