

Data Sheet

B+K PRECISION power supplies provide the versatility and reliability required for a broad spectrum of laboratory and service applications. They are ideal for use in engineering, industrial service shop, lab and school applications. Each power supply is built for continued stability and accuracy over wide range of operating conditions. All B+K PRECISION power supplies are short circuit protected for dependability. Compare features, performance, price and company reputation with any other power supply and you'll choose B+K PRECISION

- 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



Model 1735A

4 digits
Resolution



Model 1730A

Description	Models			
	1711A	1715A	1730A	1735A
Output Voltage	0-60 V	0-60 V	0-30 V	0-30 V
Output Current	0-2 A	0-2 A	0-3 A	0-3 A
MeteringType	Analog	4-digit LED	Analog	4-digit LED



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Specifications subject to change without notice



Specifications	model 1735A
Output Voltage	0-30V
Output Current	0-3A
Constant Voltage Operation Voltage Regulation Line (120VAC +/- 10%) Load (no load - full load) Recovery Time Ripple & Noise Temperature Coefficient	$\leq 0.01\% + 3 \text{ mV}$ $\leq 0.01\% + 3 \text{ mV}$ $\leq 100 \text{ us}$ $\leq 1 \text{ mV rms}$ $\leq 300 \text{ ppm}/^\circ\text{C}$
Constant Current Operation Adjustable Current Range Current Regulation Line (120VAC +/- 10%) Load Current Ripple	5% to 100% $\leq 0.2\% + 3 \text{ mA}$ $\leq 0.2\% + 3 \text{ mA}$ $\leq 3 \text{ mA rms}$
Metering Type Voltmeter Range Voltmeter Accuracy Ammeter Range High Range Low Range Ammeter Accuracy	4-digit LED 0-99.99V (green) $\pm (0.5\% \text{ rdg} + 9 \text{ digits})$ 0-9.999A (red) $\pm (0.5\% \text{ rdg} + 9 \text{ digits})$
Overload Protection	Current limiting, reverse polarity, overvoltage, short circuit
Power Requirements	120 VAC +/- 10%, 60 Hz only (120/220/230/240 VAC +/- 10%, 50/60 Hz version available)
Power Consumption	180W
Operating Temperature	32 ^o to 104 ^o F (0 ^o to 40 ^o C). $\leq 75\%$ R.H.
Storage Temperature	5 ^o to 158 ^o F (-15 ^o to 70 ^o C). $\leq 85\%$ R.H.
Dimensions (HxWxD)	6.2x5.5x12.5" (158x140x318 mm)
Weight	10.5 lb. (4.7 kg)
Two Year Warranty	
Accessories	
Optional: Hook-up leads - up to 5 amps Model TL-5A, up to 30 amps Model TL-30	