

Programmable Power Supplies



1785A



1770

Model 1785A, 1786A, 1787A Programmable DC Power Supply

Models 1785, 1786, 1787 Programmable Power Supplies offer a new level of "ease-of-use" and programmable functionality in a low-cost solution. Direct key-in entry makes voltage and current selection fast, accurate and easy. User programmed outputs allow the operator to preset 99 frequently used voltage and current settings into memory for easy recall. Preprogram a 10 step output routine via the keypad or PC interface for automated testing in preproduction, production or R&D environments. In-case calibration allows for simple, cost-savings, uninterrupted operation.

- Nine user-programmable preset outputs
- Ten step user-programmable output routine
- In-case calibration
- Serial interface cable and software included
- Download upgraded software from www.bkprecision.com

Model 1770 GPIB Programmable Power Supplies

Offering the best cost per watt available to answer virtually any application, you can select from three versatile models in popular voltage and current ratings. Each model features excellent reliability (50K hrs. MTBF) and user flexibility. You can choose voltages to 35VDC, currents to 6A in single output model, and rest assured you'll find the quality you have come to expect from B+K.

- Excellent programming resolution and accuracy
- Integral system software makes in-case calibration quick and accurate
- Large character LCD display assures fast, "easy-to-read" measurements

Specifications

	1785A	1786A	models 1787A
Output (DC)	0 - 18V	0 - 30V	0 - 60V
Output Current (Amp.)	0 - 5A	0 - 3A	0 - 1.5A
Metering Accuracy	+(0.5% + 2 digits)		
Ripple & Noise (RMS)	1mV		
Line Regulation	0.02% + 5mV		
Load Regulation	0.02% + 5mV		
RS-232	Option		
Operating Voltage	"120V, 60Hz (or on request 220 - 240V)"		
Dimension (WxHxD)	"8.07 x 4.53 x 10.63" (205 x 115 x 270 mm)"		
Weight	Approximately 11 lbs. (5Kg)		
Display	LED Voltmeter & Ammeter		

Accessories

Two Year Warranty

SUPPLIED: User Manual, Serial Cable, Windows® & DOS Software, Line Cord
OPTIONAL: TL-5A Hook up cables, TLPS Kit

Specifications

	models 1770
DC Output MAX Ratings	
Voltage	0-17.5V; 0-35V
Current	0-6A; 0-3A
Programming Resolution	
Voltage	10mV
Current	2mA
OVP	200mV
Programming Accuracy	
Voltage	0.05% + 2 LSB
Current	0.15% + 5 LSB
OVP	2.4% + 0.3V
Line Regulation (120V ± 10%)	0.001%
Load Regulation	0.001% + 1mV
Ripple & Noise	1mVrms
Operating Voltage	110 - 120VAC, 220 - 230VAC
Dimensions (W x H x D)	8.4 x 5.2 15.7 (213 x 132 x 398mm)
Weight	18lbs. (8.1kg)
Display	4 digit alphanumeric LCD

Accessories

Three Year Warranty

SUPPLIED: User Manual, Line Cord
OPTIONAL: TL-5A Hook up cables, TLPS Kit