

Warranty Statement:

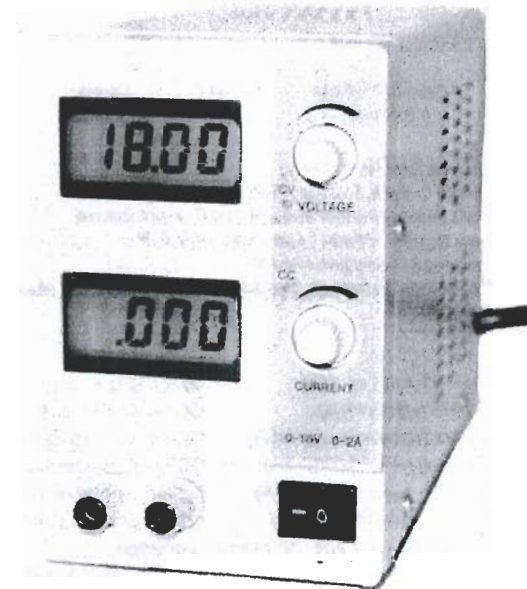
Circuit Specialists, Inc. warrants this product to be free from defects caused by workmanship or production error for a period of 12 months after the initial purchase date.

Circuit Specialists Inc. will, at its' option, repair or replace any defective unit with a working unit after the defective product has been returned, freight prepaid to Circuit Specialists, Inc. Should you have a defect that is covered by this limited warranty, please contact Circuit Specialists, Inc. (1-800-528-1417/ 480-464-2485) for an RMA number prior to returning the unit. Products that are damaged from misuse are not covered by this limited warranty.

Circuit Specialists, Inc

Single Output DC Bench Power Supplies

CS11802X.....0-18VDC/0-2A Regulated Power Supply



Circuit Specialists Inc
220 S. Country Club Dr., Bldg. #2
Mesa, AZ. 85210
Tel: 800-528-1417/ 480-464-2485
Fax: 480-464-5824
Internet: www.CircuitSpecialists.com

General Description:

Your new DC Regulated Power Source provides accurate & stable DC power. It is ideal for test benches, laboratories, schools & repair facilities. The voltage control knob helps the user accurately dial in a desired voltage. The easy to read LCD displays accurately display the outputs (voltage & current). This product is expertly manufactured for Circuit Specialists, Inc., and incorporates SMT PC boards for reliable performance & long life.

Features:

- *SMD adhesive sheet element technology for internal pcb construction
- * Attractive liquid crystal displays show voltage & current
- * Multiloop high precision voltage regulation
- * Progressive current regulation
- * Overload protection circuit
- * Low ripple voltage: < 1mV P-P
- * Rugged reinforced metal frame construction

Specifications:	Adjustable Voltage	Current	Display	
CS11802X	0-18VDC	0-2A	100mV	10mA

General

Description : Utilizes SMD technology
Single Output, Light and Compact
LCD Displays show Voltage and Current values
Low Ripple Voltage Less Than 1mV P-P
Overload Protection Circuit
Applicable To School, Production Line, Laborator, Maintenance and R&D

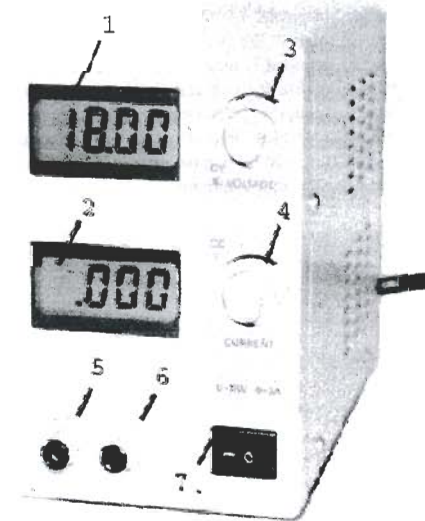
Specifications:

Input Voltage	110-127V AC +/- 10%	50Hz/60Hz +/- 2Hz
Line Regulation	CV $\leq 0.01\% + 1\text{mV}$	CC $\leq 0.2\% + 1\text{mA}$
Load Regulation	CV $\leq 0.01\% + 3\text{mV}$ ($I \leq 3\text{A}$)	CC $\leq 0.2\% + 3\text{mA}$ ($I \leq 3\text{A}$)
	CV $\leq 0.01\% + 5\text{mV}$ ($I > 3\text{A}$)	CC $\leq 0.2\% + 5\text{mA}$ ($I > 3\text{A}$)
Ripple & Noise	CV $\leq 0.5\text{mV}$ r.m.s ($I \leq 3\text{A}$)	CC $\leq 3\text{mAr.m.s}$ ($I \leq 3\text{A}$)
	CV $\leq 1.0\text{mV}$ r.m.s ($I > 3\text{A}$)	CC $\leq 6\text{mAr.m.s}$ ($I > 3\text{A}$)
Protection	Constant current and short-circuit protection	
Voltage Indication Accuracy	LCD +/- 1% + 2 Digits	
Current Indication Accuracy	LCD +/- 2% + 2 Digits	
Ambient Temperature	0 ~ +40 °C	
Humidity	< 90%	
Dimensions (Single)	3 3/4"(W) x 6"(H) x 9 1/2"(D)	
Weight	8.0 Lbs	
Accessory	Instruction Manual Grounded 3 conductor power cord attached	

2. Operation

2.1 Front Panel Controls.

- (1) Voltage Display
- (2) Current Display
- (3) Voltage control knob
- (4) Current control knob
- (5) Positive Output Terminal
- (6) Negative Output Terminal
- (7) Power On/Off



The unit has two output displays. The first display has the Voltage reading and the second one shows the Current consumption.

The Voltage is 0-18 Volts with 0-2Amps. It takes a standard 110VAC input only and is fuse protected.

2.2 Operating Procedure

2.2.1 For constant Voltage simply adjust the knob #3 left and right to the desired voltage.

2.2.2 For constant Current control. Place a load on the power supply then adjust knob #4 and the current will start adjusting.

3. Attention:

3.1 The mains power must be switched off before servicing and servicing should be referred to a qualified person.

3.2 The unit should be stored in a dry and well ventilated place and the power cord removed from the wall when not used for long periods of time.

4. Accessories:

- 4.1 Instruction Manual— one piece