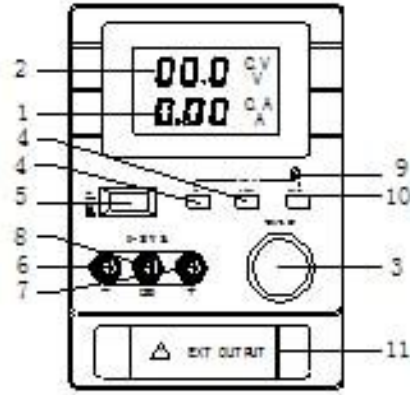


2. Operation

2.1 Front Panel Controls.

- (1) Current Indication
- (2) Voltage Indication
- (3) Fine (10 Turns) adjustment of Voltage
- (4) Up/Down Adjustment of Current
- (5) Power On/Off
- (6) Negative Output Terminal
- (7) Positive Output Terminal
- (8) Ground Connection
- (9) Constant Current Indicator
- (10) Constant Current Switch
- (11) External Power Output Connection



JIUYUAN Electronics

Single Output DC Bench Power Supplies With Large LCD

QJ12001X.....0-120VDC/0-1A Regulated Power Supply

The unit has one output display. The display has two figures. One is Voltage and the other is current.

The Voltage is 0-120 Volts with 0-1Amps. The fan of unit turns on when the temperature reaches

140DegF or 60DegC. It has a standard 220VAC input only with fuse protecting.

2.2 Operating Procedure

2.2.1 For constant Voltage mode make sure #10 is depressed and the LCD # 9 is off.

By rotating the knob of #3 to the right increases the voltage output and rotating it to the left decreases the voltage output.

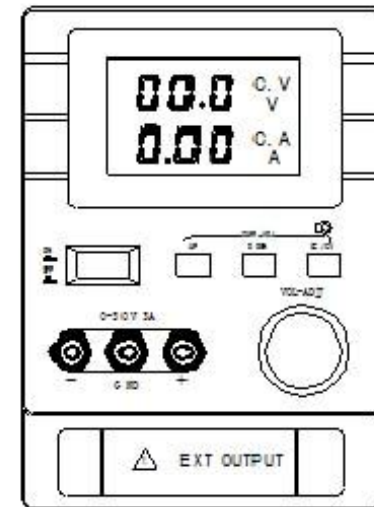
3. Attention:

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 should be removed for long periods of inactivity.

4 Accessories:

- 4.1 Power cord----- one piece
- 4.2 Instruction Manual-----one piece
- 4.3 One set of Banana plug to Alligator Clips
- 4.4 One set of hook up wires for external hook up.



General Description:

Your new DC Regulated Power Source provides accurate & stable DC power. It is ideal for test benches, laboratories, schools & repair facilities. The multi-turn voltage control knob helps the user accurately dial in a precise voltage. It is easy to read digital outputs (voltage & current) through a large LCD displays. This product is expertly manufactured for JIUYUAN electronics. It incorporates SMT PC boards & a cooling fan for reliable performance.

Features:

- *SMD adhesive sheet element technology for internal PCB construction
- *Attractive yellow large liquid crystal display shows voltage & current
- *A cooling fan
- *Multiloop high precision voltage regulation
- *Progressive current regulation
- *Dual terminal system. Safety test style or expandable screw terminals
- *Overload protection circuit
- *Low ripple voltage: <1mVp-p
- *Output polarity: positive or negative
- *Rugged reinforced metal frame construction

Specifications:

	Voltage	Current	Display	
12001X	0-120VDC	0-1A	100mV	1mA

General

- Description:** Utilizes SMD technology
Single/Dual Output Light and Compact
Output Polarity: Positive and Negative
LCD Display shows Voltage and Current value
Low Ripple Voltage Less Than 1mVp-p
Overload Protection Circuit
Applicable for School, Production Line, Laboratory and Maintenance

Specifications:

Input Voltage	220V AC +/- 10%	
Voltage Regulation	$CV \leq 1 \times 10^{-4} + 3mV$	$CC \leq 2 \times 10^{-4} + 6mA$
Load Regulation	$CV \leq 2 \times 10^{-4} + 3mV$	$CC \leq 2 \times 10^{-4} + 6mA$
Ripple & Noise	CV < 1mVr.m.s	
Protection	current Limiting	
Voltage Indication Accuracy	LCD +/- 1%+2Digits	
Current Indication Accuracy	LCD +/- 2%+2Digits	
Ambient Temperature	0 ~ +40°C	
Humidity	<90%	
Dimensions(Single)	180(w) × 130 (H) × 300 (D)	
Weight	6.8kg	
Accessory	Instruction Manual, Power cord , Test Lead	