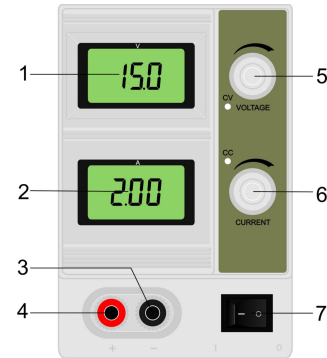


## 2. Operation

### 2.1 Front Panel Controls.

- (1) Voltage Indication
- (2) Current Indication
- (3) Negative terminal for output
- (4) Positive terminal for output
- (5) Voltage Adjustment Knob
- (6) Current Adjustment Knob
- (7) Power Switch ON/OFF



The unit has 1 output display. The display has 2 readings. The left is Current and the right is Voltage. There is 1 output That is 0-15 Volts with 0-2A.

This unit fan turns on when the temperature reaches 115 DegF or 50 Deg C.

It takes a standard 220VAC input only. And it is fuse protected.

### 2. Attention:

- 2.1 The mains power must be switched off before servicing and servicing should be referred to a qualified person.
- 2.2 The unit should be stored in a dry and well ventilated place and the power cord should be removed from its power source for long periods of inactivity.

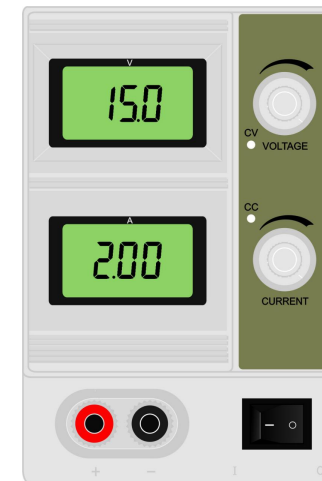
### 3 Accessories:

- 3.1 Power cord----- one piece
- 3.2 Instruction Manual-----one piece
- 3.3 Negative Wiring-----one piece



Output DC Bench Power Supplies With LCD

- QJ1803C.....0-18VDC/0-3A , Regulated Power Supply**
- QJ2002C.....0-20VDC/0-2A , Regulated Power Supply**
- QJ3003C.....0-30VDC/0-3A , Regulated Power Supply**



## 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 LCD displays. This product is expertly manufactured for JIUYUAN company. It incorporates SMT PC boards &a cooling fan for reliable performance.

## Features:

- \*SMD adhesive sheet element technology for internal PCB construction
- \* Two LCDS Display output current and voltage
- \*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	
QJ1803C	0-18VDC	0-3A	10mV	10mA
QJ2002C	0-20VDC	0-2A	10mV	10mA
QJ3003C	0-30VDC	0-3A	10mV	10mA

Source effect:  $CV \leq 1 \times 10^{-4} + 3mV$        $CC \leq 2 \times 10^{-3} + 3mA$

Load effect:  $CV \leq 1 \times 10^{-4} + 3mV$        $CC \leq 2 \times 10^{-3} + 3mA$

Ripple coefficient: <1mV

## 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≤1×10 <sup>-4</sup> +3mV	CC≤2×10 <sup>-3</sup> +3mA	
Load Regulation	CV≤1×10 <sup>-4</sup> +3mV	CC≤2×10 <sup>-3</sup> +3mA	
Ripple & Noise	CV <1mVrms	CC <3mArms	
Protection	current Limiting		
Voltage Indication Accuracy	1%+1d		
Current Indication Accuracy	1%+1d		
Ambient Temperature	0 ~ +40℃		
Humidity	<80%		
Dimensions(Dual)	95(w)×150(H)×240(D)		
Weight	QJ1803C:2.5Kg	QJ2002C:3Kg	QJ3003C:4Kg
Accessories	Instruction Manual, Power cord, Test Leads		