



Single output DC bench power  
supplies with large digital display

AX-3020L



Instruction Manual



## 1. Specification

|                  |                   |      |
|------------------|-------------------|------|
| Model            | AX-3020L          |      |
| INPUT PARAMETERS | AC 220V 50Hz      |      |
| OUTPUT VOLTAGE   | 0 - 30V           |      |
| CURRENT OUTPUT   | 0-20A             |      |
| DISPLAY          | 10mV              | 10mA |
| RIPPLE & NOISE   | 1mV rms           |      |
| DIMENSIONS       | 265 x 140 x 360mm |      |
| WEIGHT           | 12kg ~ 20kg       |      |

## 2. Front panel details

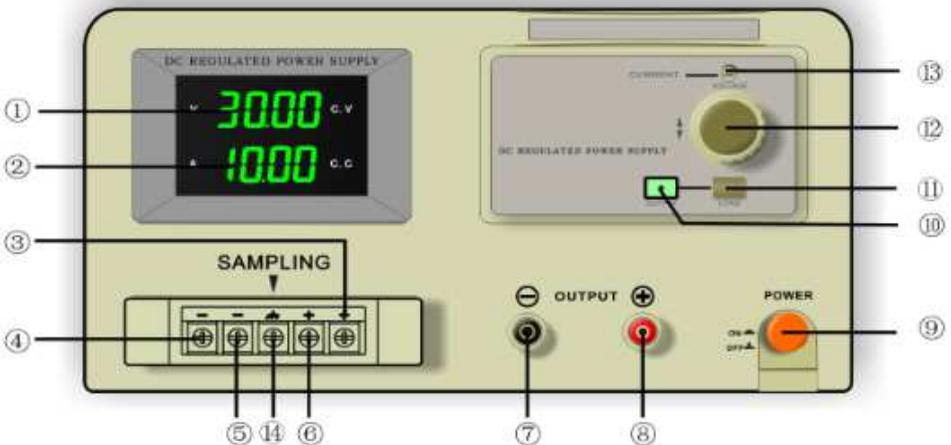




Figure 1

1. Voltage indication
2. Current indication
3. +5 output port
4. -5 output port
5. - Output port
6. + Output port
7. - Output terminal
8. + Output terminal
9. Power switch
10. Output light
11. Output switch
12. Voltage adjustment knob
13. Current adjustment pot
14. Chassis ground

### 3. Operating instructions

1. Press the power ON/OFF button to turn power on.
2. Adjust the voltage knob to set the desired voltage. (Voltage level is shown on the digital display).
3. Adjust the current level pot with a small regular screwdriver to set the (maximum) desired current level. (The current of the power supply is must to be the maximum at the factory).
4. Connecting a load to the output terminals and pressing the output switch will illuminate the output indicator light and the current output can be read on the digital display.



- The sampling terminals are not often used. Use them under the following conditions: If the load has a distance from the power supply, the sampling terminals may be used to compensate for the inherent when using voltage drop a longer power line.

**Sampling connection diagram:**

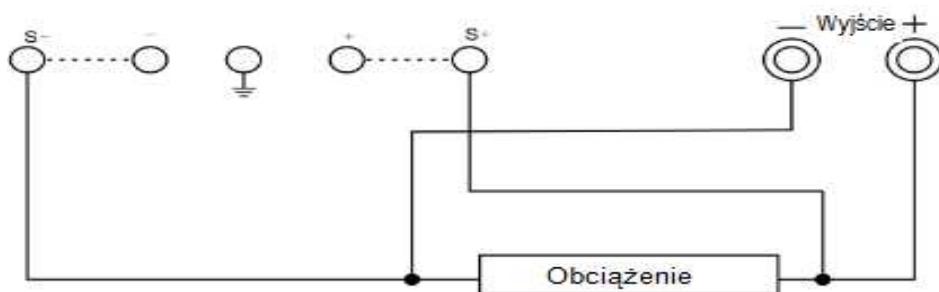


Figure 2

**Attention: Disconnect the installed S- & S+ shorting wires when using the sampling connections.**