

Bench Top Power Supply



Art. Nr.

RND 320-KD3005P

Input Voltage: 230V ($\pm 10\%$)

Main Features

Complete programmable

Industrial grade, with load for a long time

Encoder-controlled fine & coarse adjustment

Intelligent temperature-controlled fan

Compact design

Constant current & constant voltage

Current preset

4-digit display

10mV / 1 mA high accuracy and resolution

Low noise and ripple

Knob Lock function to avoid improper operation

Interfaces: USB and RS232



Specifications

Voltage Range / Current Range		0-30V	/	0-5A
Load Regulation	Voltage: ≤0.01%+2mv		/	Current: ≤0.1%+5mA
Line Regulation	Voltage: ≤0.01%+3mv		/	Current: ≤0.1%+3mA
Setup Resolution	Voltage: 10mV		/	Current: 1mA
Setup Accuracy (25 °C + - 5 °C)	Voltage: ≤0.5%+20mV		/	Current: ≤0.5%+10mA
Ripple(20hz-20M)	Voltage: ≤2mVrms		/	Current: ≤3mArms
Temp. Coefficient	Voltage: ≤150ppm		/	Current: ≤150ppm
Read Back Accuracy	Voltage: 10mV		/	Current: 1mA
Read Back Temp. Coefficient	Voltage: ≤150ppm		/	Current: ≤150ppm
Reaction Time(10% Rated load)	Voltage: ≤100mS		/	Current: ≤100mS
Indoor use				
Altitude: ≤ 2000m				
Ambient temperature 0 ~ 40°C				
Relative humidity ≤ 80%				
Interfaces	USB, RS232			
Accessories	User manual, Power cord (1.2M, 1*EURO plug), USB cable, software CD			
Weight and Dimension	4.82 kg / 110(W)*156(H)*260(D)			
Storage Environment	Ambient temperature		−10℃ ~ 70℃	
	Relative humidity		≤ 70%	