

Bench Top Power Supply



Art. Nr.

RND 320-KD3005D

Input Voltage: 230V ($\pm 10\%$), 50Hz

Main Features

Complete digital control

10 mV / 1 mA resolution

Low noise and ripple

CV / CC constant voltage and constant current mode

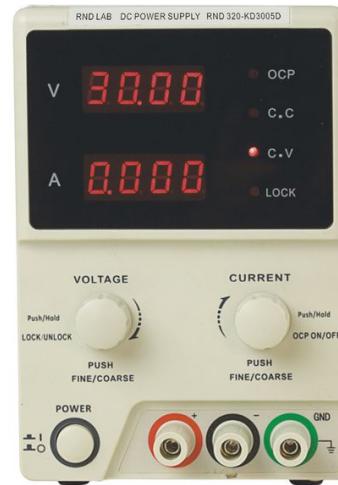
5 sets of parameters can be stored and recalled

OCP and OVP settings, constant protection mode

Output switch control

Power-off memory function

Keyboard lock function



Specifications

Voltage Range / Current Range	0-30V	/	0-5A
Load Regulation	Voltage: $\leq 0.01\% + 2\text{mV}$	/	Current: $\leq 0.1\% + 5\text{mA}$
Line Regulation	Voltage: $\leq 0.01\% + 3\text{mV}$	/	Current: $\leq 0.1\% + 3\text{mA}$
Setup Resolution	Voltage: 10mV	/	Current: 1mA
Setup Accuracy (25 °C + - 5 °C)	Voltage: $\leq 0.5\% + 20\text{mV}$	/	Current: $\leq 0.5\% + 10\text{mA}$
Ripple(20hz-20M)	Voltage: $\leq 2\text{mVrms}$	/	Current: $\leq 5\text{mA rms}$
Temp. Coefficient	Voltage: $\leq 100\text{ppm} + 10\text{mV}$	/	Current: $\leq 100\text{ppm} + 5\text{mA}$
Read Back Accuracy	Voltage: 10mV	/	Current: 1mA
Read Back Temp. Coefficient	Voltage: $\leq 100\text{ppm} + 10\text{mV}$	/	Current: $\leq 100\text{ppm} + 5\text{mA}$
Reaction Time(10% Rated load)	Voltage: $\leq 100\text{mS}$	/	Current: $\leq 100\text{mS}$

Indoor use

Altitude: $\leq 2000\text{m}$

Operation Environment

Ambient temperature : 0 °C ~ 40 °C

Relative humidity: $\leq 80\%$

Accessories	User manual, Euro Power cord (1.2m)
Weight and Dimension	4kgs / 110(W)*156(H)*260(D)
Storage Environment	Ambient temperature: -10 °C ~ 70 °C Relative humidity: $\leq 70\%$