

## Laboratory powersupply - Korad KA3005P

Powerful digital and programmable laboratory power supply, 1 channel max 30V and 5A. Many functions, including built in memory for 4 setups.



Powerful digital and programmable laboratory power supply, with many smart functions. The current and voltage is changed with the one dial, and the arrows chose wich number to change. With a resolution of 10mV and 1mA, there are plenty of opportunities to test at different setups.

The supply has one channel:

- 30V 5A - Adjustable, constant current and voltage

There is built in selectable protection against overvoltage and overcurrent, where the output is automatically disabled if the limits are reached. A lock-function ensures an accidental change.

The supply has memory for 4 setups, that are chosen with the 4 memory buttons. A setup is automatically saved when changes.

The 3 banan plus for plus, minus and ground ensures a safe connection, that is also easily changed for different tasks.

The powersupply has a very low ripple / noise ( $\leq 2\text{mVrms}$  og  $\leq 3\text{mA rms}$ ).

The supply can be connected and controlled by a PC, using the included USB cable.

Buy online at:

[www.matronics.eu/503083](http://www.matronics.eu/503083)

### Specifications

Weight	4,3kg
Voltage	0-30V
Regulation, load	$\leq 0.01\% + 2\text{mV}$ and $\leq 0.1\% + 5\text{mA}$
Regulation, line	$\leq 0.01\% + 3\text{mV}$ and $\leq 0.1\% + 3\text{mA}$
Setup resolution	10mV and 1mA
Setup precision	$\leq 0.5\% + 20\text{mV}$ and $\leq 0.5\% + 10\text{mA}$
Noise / ripple	$\leq 2\text{mVrms}$ and $\leq 3\text{mA rms}$
Current	0-5A



**Laboratory powersupply - Korad KA3005P**  
SKU 503083

Product pictures

