



Laboratory Switching Power Supply PCE-HPS 4500



Laboratory-Switching Power Supply

Laboratory Switching Power Supply with 500 V output voltage / self-regulating active cooling
/ 4 mm safety sockets / replacement fuses included in the delivery

The Laboratory Switching Power Supply has a voltage output of up to 500 V. This means that even consumers who need a higher voltage can be checked with the laboratory switching power supply. This enables transformers to be checked for their winding ratio using the laboratory switched-mode power supply. In order to minimize the risk of electric shock, the connection side of the laboratory switching power supply is equipped with 4 mm safety sockets.

The displays are another special feature of the laboratory switching power supply. Each display of the laboratory switching power supply shows the measured voltage values at the respective voltage outputs. This gives the operator an ideal overview of its structure with the laboratory switching power supply.

- 4 individually adjustable channels
- Output voltage up to 500 V.
- Handle for mobile transportation
- self-regulating active cooling
- 4 mm safety banana sockets
- Protective conductor connection on the connection side

Specifications:

Channel 1

Output voltage	0 ... 500 V
Output current	Max. 50 mA
Stability	$1 \times 10^{-4} + 100 \text{ mV}$
Load stability	$1 \times 10^{-4} + 100 \text{ mV}$
Ripple	20 mV rms

Channel 2

Output voltage	0 ... 50 V
Output current	Max. 50 mA
Stability	$1 \times 10^{-3} + 10 \text{ mV}$
Load stability	$1 \times 10^{-3} + 10 \text{ mV}$
Ripple	5 mV

Channel 3

Output voltage	0 ... 8 V
Output current	Max. 3 A
Stability	$1 \times 10^{-3} + 10 \text{ mV}$
Load stability	$1 \times 10^{-3} + 30 \text{ mV}$
Ripple	5 mV

Channel 4

Output voltage	0 ... 12 V
Output current	Max. 4 A
Stability	$1 \times 10^{-3} + 30 \text{ mV}$
Load stability	$1 \times 10^{-3} + 30 \text{ mV}$
Ripple	5 mV

More specifications

Power supply	115 V, 60 Hz / 230 V, 50 Hz
Fuses	Overload protection
Measurement accuracy	$\pm (1\% + 2 \text{ digits})$
Dimensions	260 x 160 x 340 mm
Weight	5 kg

Delivery Scope

1 x laboratory switching power supply PCE-HPS 4500
1 x 2 A fuse
1 x 4 A fuse
1 x IEC cord
1 x instruction manual