

HPG 70-K

Fully insulated, portable HV test system up to 70 kV DC



- Highest level of safety due to the fully insulated design
- Compact and lightweight
- Separate control and HV unit
- Continuously adjustable voltage
- Measures HV potential

DESCRIPTION

The HPG 70-K HV test set is a fully insulated system for DC testing up to 70 kV. Thanks to its fully insulated design, this system is ideal for stand-alone applications. The DC voltage is obtained through a bridge rectifier which ensures a very low ripple in the test voltage. Moreover, the DC voltage is measured on the secondary side, ensuring a precise output voltage.

The HPG 70-K consists of two units and is used for testing cable installations as either a stand-alone system or built into a module or cable test van.

The control unit HSG 1 includes a variac. Its output voltage feeds the high voltage unit HVT 70-K.

The HVT 70-K is fully insulated: the test voltage of 70 kV DC is drawn from a socket outlet and fed to the cable under test. A multi-pole connection lead is supplied to feed the control voltage of 0-230 V AC.

TECHNICAL DATA*

HPG 70-K

DC output voltage	0 ... 70 kV
DC output current	0 ... 10 mA
kV indication	0 ... 80 kV (analogue)
mA indication	0 ... 10 mA (analogue)
Measuring ranges	0.1, 1, 10 mA
Timer	0 ... 60 min
Dimensions control unit	520 x 255 x 320 mm
Weight control unit	18 kg
Dimensions HV unit	320 x 255 x 255 mm
Weight HV unit	21 kg
Power supply	230 V \pm 10 %, 45 ... 60 Hz, 700 VA
Operating temperature	-25 ... +55 °C
Storage temperature	-40 ... +85 °C

ALL ADVANTAGES AT A GLANCE

- Highest level of safety thanks to the fully insulated design
- Compact and lightweight
- Separate control and HV unit
- Voltage continuously adjustable
- Measurement at HV potential

ORDERING INFORMATION

Product	Order no.
HPG 70-K	813226
Control unit HSG 1, HV-unit HVT 70-K, set of cables, discharge rod 75 kV	

* We reserve the right to make technical changes.

SALES OFFICES

Megger GmbH

Obere Zeil 2
D-61440 Oberursel
Germany
T 0049 6171 92987-0
E info@megger.de

Seba Dynatronic
Mess- und Ortungstechnik GmbH
Dr.-Herbert-Iann-Str. 6
96148 Baunach
Germany
T 0049 9544 68-0
E team.international@megger.de

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www.megger.com

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