

PGA-1330

Immunity generator for short-term tests up to 300 V

(IEC / EN 61000-4-16)



- Immunity generator for short-term voltages at the frequency of the electricity supply (mains) up to 300 V
- Remote control in connection with PGA 1240 or MGA 1033
- Could be used as stand-alone device

Description

The IEC / EN 61000-4-16 requires test stimuli at the frequency of the electrical power supply, either DC (positive & negative), $16 \frac{2}{3}$ Hz, 50 Hz or 60 Hz. For short duration disturbances the normal duration of this test is 1 second.

The PGA 1330 was designed as an additional device to be used in combination with the power generator PGA 1240 or MGA 1033 to provide test levels up to 300 V with the lowest possible expenditure. In this case the PGA 1330 is remote controlled via the application software of the PGA 1240 or MGA 1033.

The PGA 1330 may as well be used as a stand-alone device – a application software is included. It's signal output is single-ended and with galvanic isolation from the mains supply voltage and from the signal generator.

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Specifications	
Output frequencies	DC, 16 ² / ₃ Hz, 50 Hz, 60 Hz
Output power	1800 W (<= 10 s)
Output voltage	
AC	10 V - 300 V
DC	±10 V - ±300 V
Distortion	< 5 %
Nominal impedance	50 Ohm
Frequency accuracy	50 ppm
Output voltage accuracy	5 %
Protection	Over-heating protection
Connector (output)	BNC
Connection to computer	USB (B)
Connection to immunity generator	USB (A)
Room temperature	0 to 40 °C
Cooling	Temperature controlled fans
Supply voltage	230 VAC, 50-60 Hz, 110/127VAC upon request
Housing	19" desktop case
Dimension (W / H / D)	449 mm / 177 mm / 580 mm
Weight	ca. 40 kg
Ordering information	
PGA 1330	Immunity generator for short-term tests up to 300 V acc. EN 61000-4-16; USB connection; Includes application software WIN NT / 2000 /XP /7 /10