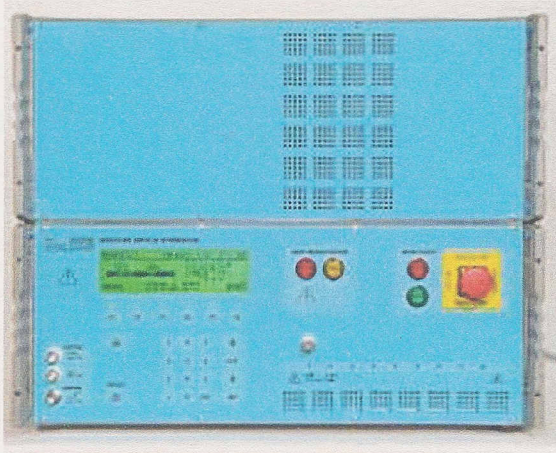


MIG-OS-OS1

IEC 61000-4-12, IEC 60255-22-1, ANSI/IEE C37.901

The MIG-OS-OS1 is suitable to generate conducted damped oscillatory waves with frequencies of 100 kHz and 1 MHz.



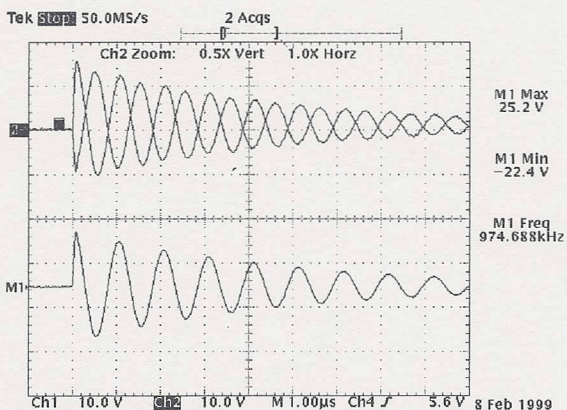
MIG-OS-OS1

Basic Data

Dimensions: 550 x 450 x 190 mm (l x w x h)
 Weight: 22 kg
 Power supply: 230 / 115 V, 400 VA

Control and Accessories

- Trigger: auto or manual
- Ramps: Voltage, Polarity
- 1 power cord depending on country
- 1 cable with HV-BNC connectors, length 0.5 m
- 1 auxiliary connector (safety circuit)
- 1 user manual with verification protocol and declarations LVD, EMC



Test levels

Level	Common mode kV	Differential mode kV
1	0.5	0.25
2	1	0.5
3	2 ²⁾	1
4	-	-
X	X	X

2) The value is increased to 2.5 kV for substation equipment

IEC 60255-22-1 and IEC 61000-4-12 high voltage circuit

- Rise time of first peak: 75 ns ± 20 %
- Oscillation frequencies: 100 kHz ±10% and 1 MHz ±10%
- Repetition rate maximum: 40/s for 0.1 MHz and 400/s for 1 MHz
- Decaying: 50% of the peak value between the third and sixth period
- Burst duration: 1 up to 99 s ±10 %.
- Output impedance: 200 Ohm ± 20%
- Vpeak open circuit: 250 V - 10% up to 3 kV +10%

ANSI / IEEE C37.901 high voltage circuit

- Rise time of first peak: 50 to 100 ns
- Oscillation frequencies: 1 MHz - 1.5 MHz
- Repetition rate maximum: 40/s for 0.1 MHz and 400/s for 1 MHz
- Decaying: 50% of the peak value after 6 µs
- Burst duration: 1 up to 99 s ±10 %.
- Output impedance: 150 Ohm ± 20%
- Vpeak open circuit: 250 V - 10% up to 3 kV +10%

Frequency Option

Frequencies higher than 1 MHz or frequencies lower than 100 kHz are available on demand.