



MagVenture A/S
Lucernemarken 15
DK—3520 Farum
Denmark
Phone: +45 44 99 84 44
<http://www.magventure.com>

MagPro Compact

VERSATILITY IN MAGNETIC STIMULATION



Product Information Sheet: MagPro Compact, Technical Data
October 2007 © MagVenture A/S

MAGPRO COMPACT

High-performance, non-invasive magnetic stimulators for use in both the clinic and in medical research

"The MagPro Compact is designed for clinical use together with EMG equipment"

Electromagnetic Data

Stimulation Waveforms:

Waveform	Pulse Width
Biphasic	280 μ s

Current Direction:

Normal

Magnetic gradient from Stimulation Coils:

40-60 kTesla/s. Depending on stimulation coil

Peak magnetic field:

1-4 Tesla. Depending on stimulation coil

Mechanical Data

Dimensions

MagPro Compact:
(H x W x D): 110 x 390 x 440 mm

Weight:

MagPro Compact: 20kg

Environmental Data

Operating Temperature: 10 – 30°C

Storage Temperature: 5 – 50°C

Operating Humidity: 30 – 60 % RH.

Storage Humidity: 20 – 80 % RH

Trigger Signals

Trigger Input:

Pulse width > 10 μ s

TTL + CMOS levels accepted

Input Impedance > 10 kOhm

Polarity: Falling edge

Trigger Output:

Pulse width: 50 μ s

TTL-levels

Output Impedance < 100 Ohm

Polarity: Falling edge



Power Supply

Mains Voltage: ~230V +/-15% 50/60Hz

Mains Impedance: < 1 Ω

Maximum Power Consumption: 750 VA

Operation from 100/115/127V through Transformer.

Performance Data

Output versus Repetition Rate, depending on Waveform:

Waveform	Repetition Rate
	5pps
Biphasic	100%

pps = pulses per. second

