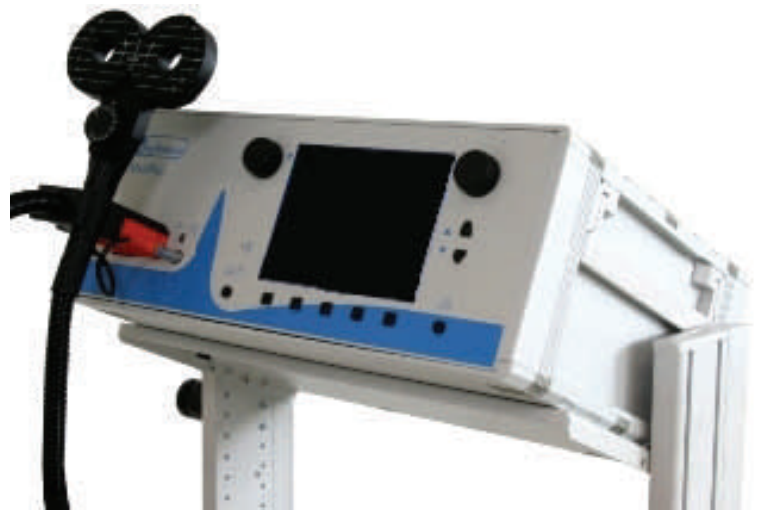




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MagPro R30

VERSATILITY IN MAGNETIC STIMULATION



Product Information Sheet: MagPro R30, Technical Data
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MAGPRO R30

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

”The MagPro R30 is an advanced, highperformance magnetic stimulator designed primarily for clinical use”

Electromagnetic Data

Stimulation Waveforms:

Waveform	Pulse Width
Biphasic	280µs

Current Direction:

Normal

Magnetic gradient from Stimulation Coils:

Magnetic Gradient and number of stimuli before overheats depend on the specific coil used.

Performance Data

Output versus Repetition Rate, depending on Waveform:

Waveform	Repetition Rate			
	5pps	10pps	20pps	30pps
Biphasic	100%	100%	80%	65%

pps = pulses per. Second

NB: 60pps option available

Mechanical Data

Dimensions

MagPro: (H x W x D:) 210 x 530 x 400 mm

Cart: (H x W x D:) 800 x 610 x 550 mm

System height with cart: 102 cm

Weight:

MagPro R30: 33kg

Cart: 16 kg

Trigger Signals

Trigger Input:

Pulse width > 5µs

TTL + CMOS levels accepted

Input Impedance > 10 kOhm

Polarity: User-defined

Trigger Output:

Pulse width: 30µs, TTL-levels

Output Impedance < 100 Ohm

Polarity: User-defined

Power Supply

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

Mains Impedance: < 1 Ω

Maximum Power Consumption: 2300VA

Standby Power Consumption: <150VA

Operation from 100/115/127V through Transformer.

Environmental Data

Operating Temperature: 10 – 30°C

Storage Temperature: 5 – 50°C

Operating Humidity: 30 – 60 % RH.

Storage Humidity: 20 – 80 % RH

