



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

MagPro R30 with Option

VERSATILITY IN MAGNETIC STIMULATION



Product Information Sheet: MagPro R30 With Option, Technical Data
October 2007 © MagVenture A/S

Performance Data

Output versus Repetition Rate, depending on Waveform:

| Standard and Power pulses | Waveform | Repetition Rate | | | |
|---------------------------|------------|-----------------|-------|-------|-------|
| | | 5pps | 10pps | 20pps | 30pps |
| Standard Mode: | Biphasic | 100% | 100% | 80% | 65% |
| | MonoPhasic | 100% | 70% | 50% | 40% |

| Twin and Dual Pulses Waveform | Repetition Rate | | |
|-------------------------------|-----------------|-------|-------|
| | 1tpps | 2tpps | 5tpps |
| Biphasic | 100% | 100% | 100% |
| Monophasic | 100% | 100% | 70% |

Above is when both pulses are set to 100%, **pps** = pulses per. Second **tpps** = Twin Pulses Per Second

Electromagnetic Data

Stimulation Waveforms:

| Waveform | Pulse Width Standard Mode |
|-------------|------------------------------|
| Biphasic | 280 μ s |
| Monophasic* | 70 μ s |

*from onset to peak

Current Direction: Normal

Magnetic gradient from Stimulation Coils:

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

Power Supply

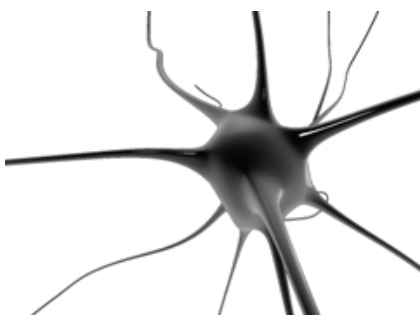
Mains Voltage: \sim 230V +/- 15% 50/60Hz

Mains Impedance: $< 1 \Omega$

Maximum Power Consumption: 2300VA

Standby Power Consumption: < 150 VA

Operation from 100/115/127V through Transformer.



Mechanical Data

Dimensions

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

MagOption: (H x W x D:) 130 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: 33 kg, MagOption: 25 kg, Cart: 16 kg

Trigger Signals

Trigger Input:

Pulse width $> 5\mu$ s

TTL + CMOS levels accepted

Input Impedance > 10 kOhm

Polarity: User-defined

Trigger Output:

Pulse width: 30 μ s, TTL-levels

Output Impedance < 200 Ohm

Polarity: User-defined

Environmental Data

Operating Temperature: 10 – 30°C

Storage Temperature: 5 – 50°C

Operating Humidity: 30 – 60 % RH.

Storage Humidity: 20 – 80 % RH