



MMC-140 A/P

Circular, No cooling, Placebo

The coil is designed for advanced clinical studies where double blinded research experiments are required. The coil functions both as an active (A) coil and as a placebo (P) coil. It is not possible for the operator to see or hear which side is used. The coil is parabolic in shape to provide a powerful and focused stimulation. To simulate stimulation on the placebo side a built-in vibrator generates mechanical vibrations synchronous with the stimulation pulse.

For use only with MagVenture Double Blinded Research Studies software (9016S0161).

Contact

Website: www.magventure.com
Email: info@magventure.com

Performance

Number of stimulations before warm-up at ambient temperature 20°C: at 1 pps: 1000 pulses;
at 2 pps: 500 pulses.
Mean output 45% of maximum

Mechanical Properties

Weight of transducer head 1.4 kg/3.1 lbs
Cable length 2.5m/ 8.2 ft.
Dimensions of transducer head: ø145 x 95 mm/ ø5.7 x 3.7 in
Convex shape: Radius 109 mm/ 4.3 in.

Coil winding data

Inner diameter: 25mm/1.0 in.
Outer diameter: 120mm/4.7 in.
Winding height: 6mm/ 0.2 in.
Number of windings: 14

Magnetic and electrical properties

Max initial dB/dt (Mean output 45% of maximum) 17.8 kT/s near the coil surface on the active side.
The magnetic field near the coil surface on the placebo side is reduced to <5% of active side
Mean output - Amplitude Limited to max. 45%
Active pulse width 280µs (Biphasic)

Users in the USA

Caution: investigational device. Limited by Federal law to investigational use. In accordance with US Federal regulations, and IDE and/or IRB approval may be required.

Operating period

5 years

Ordering number

9016E0251