

Cool-125 Circular Coil



- The coil has electrical and magnetic properties similar to the MCF-125.
- The Coil is designed for demanding stimulation protocols, requiring a very high number of stimuli.
- The Coil is optimized for use with equipment enabling High Repetition Rates and long pulse trains.
- The Coil is cooled from an external Cooler Unit.
- Large ergonomic handle.
- Equipped with trigger button to support clinical operation.
- Built in timer and counter with preset operating period (days and stimulations)

Mechanical Properties

Weight of transducer head	2.5kg
Cable length	1,3m
Dimensions of transducer head	ø140 x 45 mm

Coil Winding Data

Inner diameter	15mm
Outer diameter	121mm
Winding height	12mm
Number of windings	15

Magnetic and Electrical Properties

Max initial dB/dt	34 kT/s near the coil surface
Active pulse width	280µs (Biphasic)

Performance

Number of stimulations, before warm-up at ambient temperature 20°C: Mean output 100% of maximum at 2pps.	>20.000 pulses
Number of stimulations, before warm-up at ambient temperature 20°C with protocol: 60 trains @ 50 pulses/train @ 10pps @ Inter Train Interval: 25s @ Output=100%.	>10.000 pulses

Ordering Number	9016E051-
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