

Air Film Coil



magstim[®]

Now you can do more

The Magstim® Air Film™ Coil is the first of a new generation of stimulating coils which allow users to stimulate for extended periods of time. This improvement has been achieved as a result of an advanced, registered method of coil design and manufacture based on research carried out by Dr Reza Jalinous* in Boston, USA.

Stimulating versatility

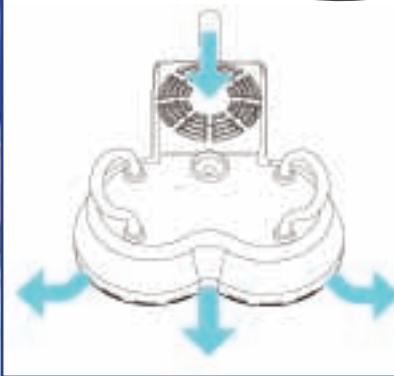
The Air Film Coil has been created to work in combination with Magstim Rapid² stimulators, allowing operators to utilise the full capabilities of the range. The Rapid² magnetic stimulators can operate from 1Hz to 100Hz, using a touch screen interface which manages every aspect of the stimulator's control and operation.

The Air Film Coil is ideal for use within:

- Psychiatry
- Cognitive Neuroscience
- Neurology
- Neurophysiology
- Rehabilitation

Cool and innovative

Using managed ambient air flow and integrated temperature-regulated fan technology, the Air Film Coil is cooled without the need of an external cooling supply or water reservoir. The novel air cushion used prevents the coil from ever coming into contact with the patient, resulting in uncompromised patient safety.



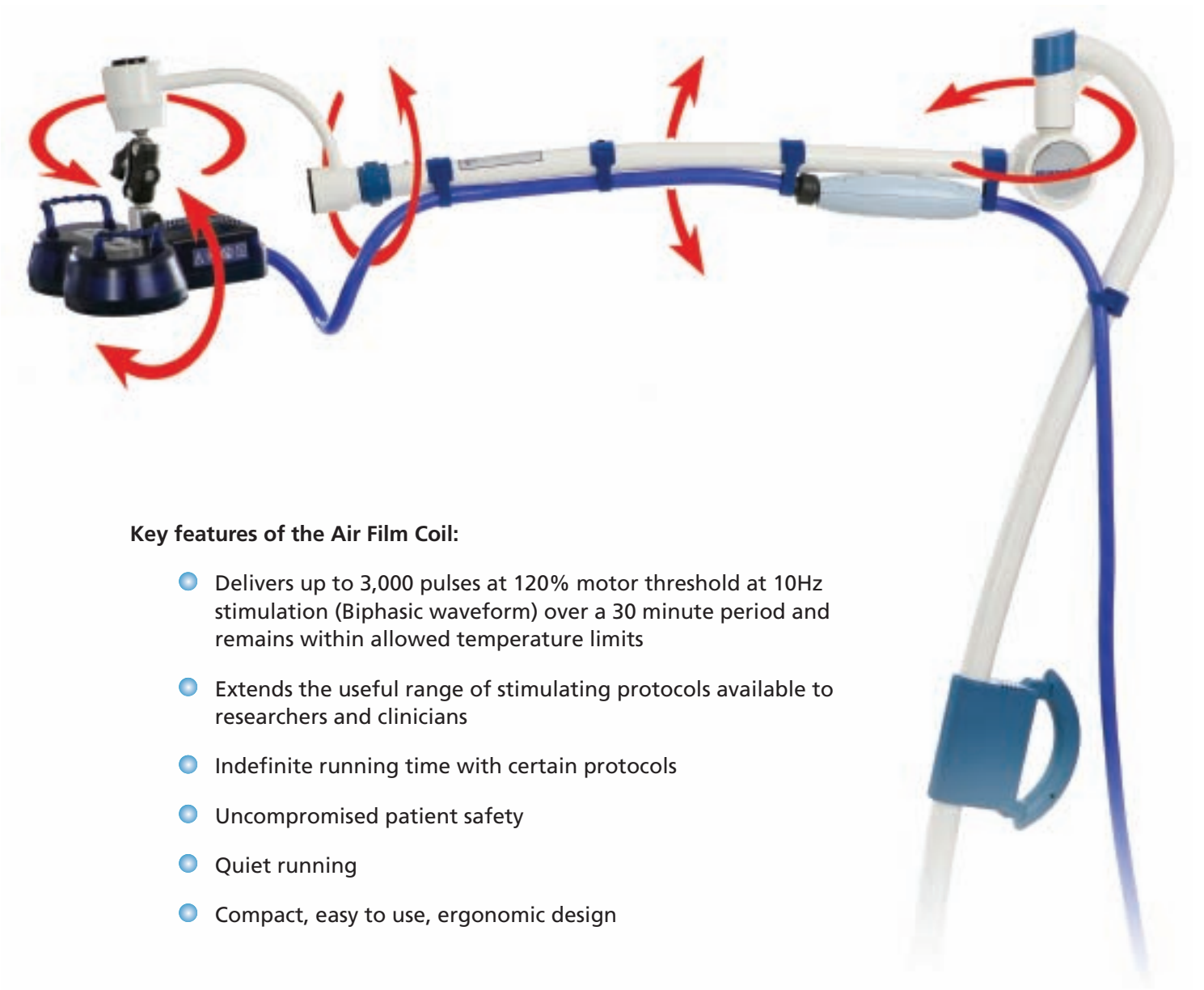
A thin layer of air constantly flows between the plastic enclosure and the coil, acting as an insulating layer between the coil and patient. The layer of air is constantly circulated as fresh air is continually sucked in by the fan. This process increases the thermal insulation capacity and therefore also increases the longevity of use.

Air Film Coil

Totally flexible

This unique Air Film Coil is an integral part of a package which also includes a highly flexible and ergonomically designed positioning arm, which facilitates extended periods of stimulation. Fully articulated with friction joints, the Air Film Coil arm makes handling and positioning both simple and precise.

For research purposes, a placebo derivative of the coil is available to simulate the effects of active stimulation. By stimulating the peripheral nerves of the face and scalp, the Air Film Placebo Coil looks, sounds and feels the same as a live coil both to the subject and operator, but does not deliver active stimulation of deep cranial nerves.



Key features of the Air Film Coil:

- Delivers up to 3,000 pulses at 120% motor threshold at 10Hz stimulation (Biphasic waveform) over a 30 minute period and remains within allowed temperature limits
- Extends the useful range of stimulating protocols available to researchers and clinicians
- Indefinite running time with certain protocols
- Uncompromised patient safety
- Quiet running
- Compact, easy to use, ergonomic design



For further information on clinical applications or product specifications, please contact Magstim or your local distributor.

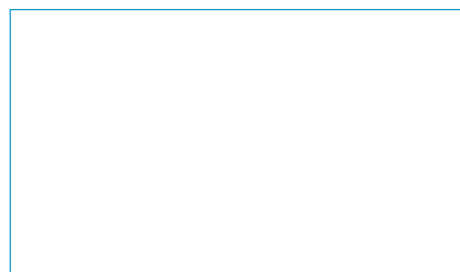
The Magstim Company Ltd
Spring Gardens, Whitland
Carmarthenshire SA34 0HR
Wales UK

☎ +44 (0)1994 240798

☎ +44 (0)1994 240061

✉ sales@magstim.com

www.magstim.com



magstim[®]
Pioneers in nerve stimulation and monitoring



Cortical magnetic stimulation is currently considered investigational in the USA.
All standard products carry the CE mark, comply with the Medical Device Directive 93/42/EEC, and are manufactured under a Quality System certified to ISO 13485.
© 2007 The Magstim Company Limited. Magstim[®], Neurosign[®], and Air Film[™] are registered trademarks of The Magstim Company Limited. All specifications are subject to change. All material in this literature is produced in good faith.

