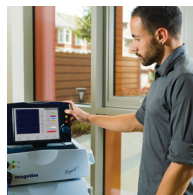
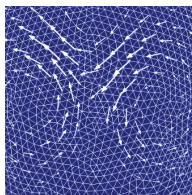




# WORLD LEADER IN NEUROSCIENCE

- DISCOVER THE MAGSTIM EGI FAMILY OF RESEARCH TOOLS







## INNOVATIVE SOLUTIONS

At Magstim EGI, we believe in enabling ground-breaking neuroscience and medical research. Magstim® stimulators have been used in research studies worldwide for more than 30 years and have been used in more TMS studies published today than any other manufacturer<sup>1</sup>.

As a trusted manufacturer and supplier, we work with researchers to provide cost-effective, innovative solutions for a variety of research opportunities. Contact our specialists today to discuss your requirements.



## BY PIONEERS, FOR PIONEERS

Magstim led the evolution of TMS from its inception and we cherish our connection to the cutting edge of medical research.

1. Analysis of google scholar. Studies published including "Transcranial Magnetic Stimulation" and "Magstim"; vs 5 main competitors.

# SINGLE AND PAIRED PULSE TMS

## The Magstim® 200<sup>2</sup>

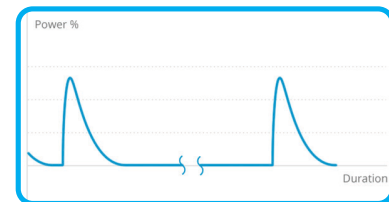
The Magstim® 200<sup>2</sup> is a reliable, simple to use stimulator capable of single pulse cortical\* and peripheral stimulation. The Magstim® 200<sup>2</sup> is compatible with a wide range of Magstim® coils providing an extremely versatile stimulator for single pulse stimulation research.

- Monophasic
- Single Pulse
- Cortical\* and Peripheral Stimulation

**Ideal for:** neurodiagnostics, cortical mapping.

*\*Users in the USA: The Magstim® 200<sup>2</sup> is FDA 510(k) cleared for the stimulation of peripheral nerves for diagnostic purposes. All other uses are considered investigational. In accordance with US federal regulations an IDE and/or IRB approval may be required.*

Illustrative example of stimulator power output



## The Magstim® BiStim<sup>2</sup>

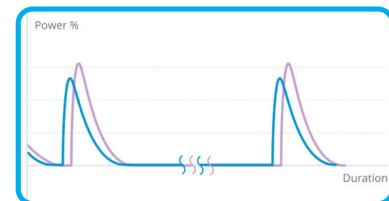
The Magstim® BiStim<sup>2</sup> combines two 200<sup>2</sup> units through a connecting module, so that paired pulses can be delivered through one coil. Suitable for both cortical\* and peripheral stimulation, this allows the user to deliver precise sub- and supra-threshold conditioning and test pulses. The BiStim<sup>2</sup> also enables two individual coils to be connected for dual-site stimulation.

- Monophasic
- Paired Pulses
- Cortical and Peripheral Stimulation
- Sub- and Supra-threshold conditioning
- Dual-site stimulation

**Ideal for:** intra-cortical inhibition as well as facilitation and brain connectivity studies.

*Users in the USA: CAUTION: Investigational device. Limited by Federal (or United States) Law to investigational use. In accordance with US federal regulations an IDE and/or IRB approval may be required.*

Illustrative example of stimulator power output



TELL US ABOUT YOUR RESEARCH NEEDS - CONTACT US TODAY

# rTMS AND THETA BURST STIMULATION

## The Magstim® Rapid<sup>2</sup> Range

The Magstim® Rapid<sup>2</sup> has been used in research papers worldwide. The range of stimulators offer solutions to fit a variety of research opportunities and are compatible with a wide array of Magstim® coils.

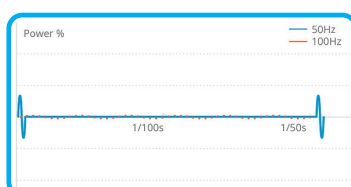
Capable of high-frequency repetitive protocols for both cortical\* and peripheral stimulation.

The Magstim® Rapid<sup>2</sup> range has the ability to connect an MEP pod, as well as an EMG interface module, providing a versatile, effective research tool.

Ideal for rTMS clinical studies and therapeutic investigations.

### The Magstim® Rapid<sup>2</sup> (standard)

- Biphasic
- rTMS
- Cortical\* and Peripheral Stimulation<sup>1</sup>
- Stimulation frequency up to 50Hz based on 230/240V

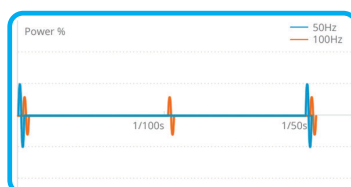


Illustrative example of stimulator power output



### The Magstim® Super Rapid<sup>2</sup>

- Biphasic
- rTMS, including Theta Burst
- Cortical\* & Peripheral Stimulation<sup>1</sup>
- Stimulation frequency up to 100Hz based on 230/240V

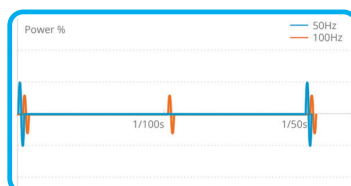


Illustrative example of stimulator power output



### The Magstim® Super Rapid<sup>2</sup> Plus<sup>1</sup>

- Biphasic
- rTMS, including Theta Burst
- Cortical and Peripheral Stimulation<sup>2</sup>
- Stimulation frequency up to 100Hz based on 230/240V

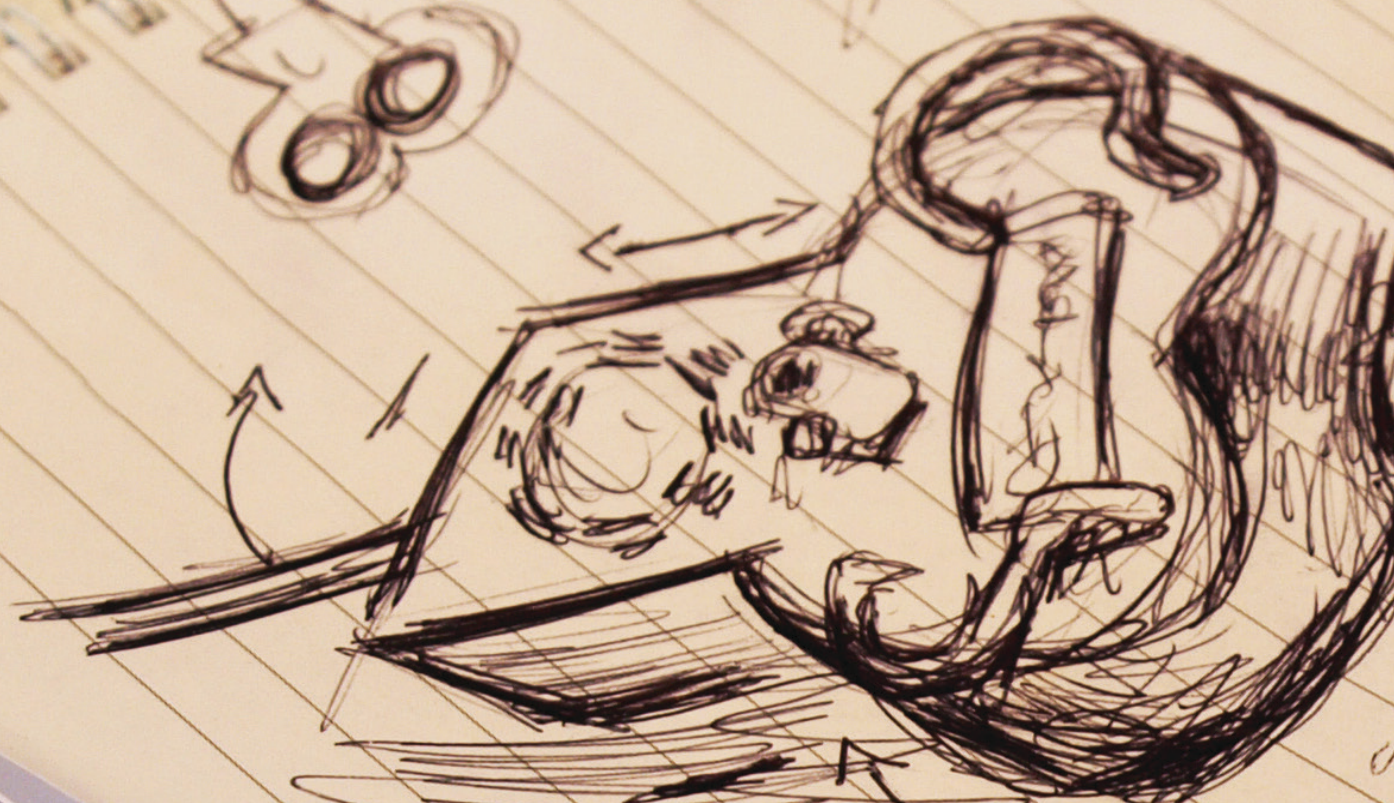
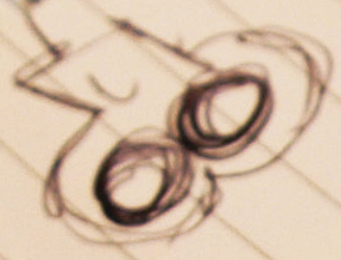


Illustrative example of stimulator power output



<sup>1</sup>Users in the USA: The Magstim® Rapid<sup>2</sup> and the Magstim® Super Rapid<sup>2</sup> are FDA 510(k) cleared for the stimulation of peripheral nerves. All other uses are considered investigational. In accordance with US federal regulations an IDE and/or IRB approval may be required.

<sup>2</sup>Users in the USA: The Magstim® Super Rapid<sup>2</sup> Plus<sup>1</sup> is considered an investigational device. Limited by Federal (or United States) Law to investigational use. In accordance with US federal regulations an IDE and/or IRB approval may be required.



Magstim (9/15)

# MAGSTIM CIRCULAR COILS

## Single 90mm Standard Coil

3193-00

- The current direction is reversed when coil is rotated 180°

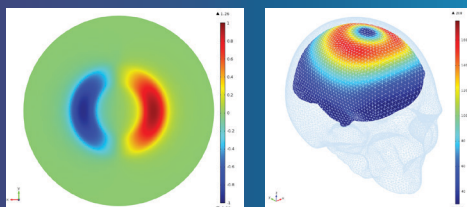
Ideal when current reversal is required

### Compatibility

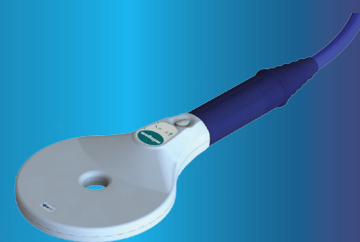
200<sup>2</sup>

BiStim<sup>2</sup>

Rapid<sup>2</sup>



Illustrative example of stimulating field intensity



Users in the USA: The Magstim® 90mm Coil is FDA 510(k) cleared for the stimulation of peripheral nerves. All other uses are considered investigational. In accordance with US federal regulations an IDE and/or IRB approval may be required.

## Single 90mm Remote Control Coil

3192-00

- The current direction is reversed when coil is rotated 180°
- Control the coil output directly from the coil

Ideal when frequent changes to coil output are required

### Compatibility

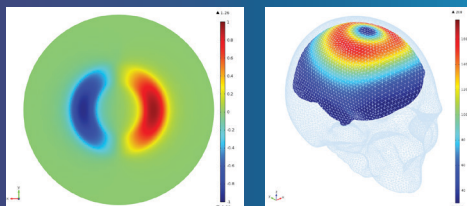
200<sup>2</sup>

BiStim<sup>2</sup>

Rapid<sup>2</sup>



\*Pulse triggering only with the Rapid<sup>2</sup> - Contact us for more information



Illustrative example of stimulating field intensity



Users in the USA: The Magstim® 90mm Coil is FDA 510(k) cleared for the stimulation of peripheral nerves. All other uses are considered investigational. In accordance with US federal regulations an IDE and/or IRB approval may be required.

<sup>\*</sup> Peak Magnetic Field using the Magstim® 200<sup>2</sup> provided for comparison of coils. <sup>\*\*</sup> Peak Magnetic Field of air cooled coils using the Magstim® Rapid<sup>2</sup>.

# MAGSTIM DOUBLE COILS

## Alpha (α) Flat Coil Range (Coated)

- D40 α - 4180-00
- D50 α - 4186-00
- D60 α - 4190-00
- D70 α - 4170-00

- Figure of eight shaped winding for precise focal magnetic field
- Coated finish allows closer proximity to brain during stimulation

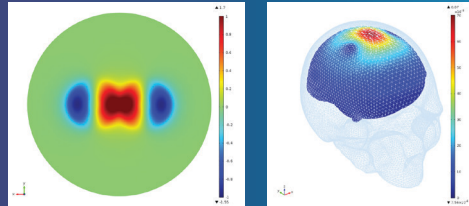
### Ideal for precise stimulation focality

### Compatibility

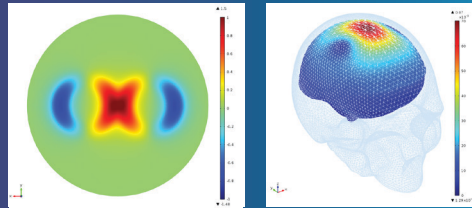
200<sup>2</sup>

BiStim<sup>2</sup>

Rapid<sup>2</sup>



Illustrative example of stimulating field intensity of a D40 Alpha Flat Coil.



Illustrative example of stimulating field intensity of a D70 Alpha Flat Coil.



Users in the USA: CAUTION: Investigational device. Limited by Federal (or United States) Law to investigational use. In accordance with US federal regulations an IDE and/or IRB approval may be required

## D70 Alpha (α) Coil

4150-00

- Figure of eight shaped winding for precise focal magnetic field
- **SHAM coil available (4334-00)** - SHAM only compatible with Rapid<sup>2</sup> and the Super Rapid<sup>2</sup>

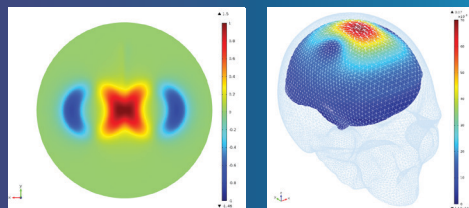
### Ideal for double blind trials

### Compatibility

200<sup>2</sup>

BiStim<sup>2</sup>

Rapid<sup>2</sup>



Illustrative example of stimulating field intensity



Users in the USA: CAUTION: Investigational device. Limited by Federal (or United States) Law to investigational use. In accordance with US federal regulations an IDE and/or IRB approval may be required

\* Peak Magnetic Field using the Magstim<sup>®</sup> 200<sup>2</sup> provided for comparison of coils. \*\* Peak Magnetic Field of air cooled coils using the Magstim<sup>®</sup> Rapid<sup>2</sup>.



### Alpha (α) B.I. Coil Range (Coated)


- D25 B.I. - 5220-00 (*Rapid<sup>2</sup> only*)
- D40 B.I. - 4179-00
- D50 B.I. - 4185-00
- D60 B.I. - 4189-00
- D70 B.I. - 4510-00

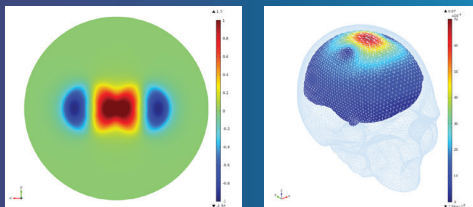
- Figure of eight shaped winding for precise focal magnetic field
- Coated finish allows closer proximity to brain during stimulation

### Ideal for precise stimulation focality

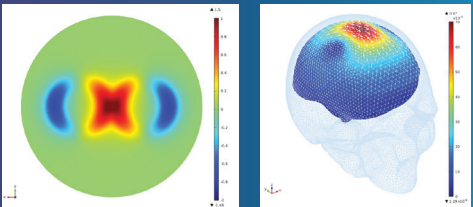
	Compatibility		
	200 <sup>2</sup>	BiStim <sup>2</sup>	Rapid <sup>2</sup>
	✓	✓	✓





Illustrative example of stimulating field intensity of a D40 Alpha B.I. Coil.



Illustrative example of stimulating field intensity of a D70 Alpha B.I. Coil.

*Users in the USA: CAUTION: Investigational device. Limited by Federal (or United States) Law to investigational use. In accordance with US federal regulations an IDE and/or IRB approval may be required*

### D70mm Remote Control Coil

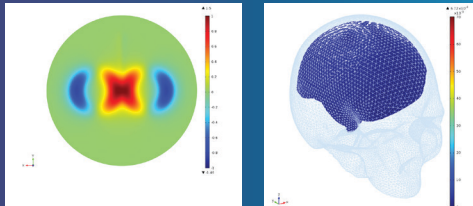
3190-00

- Figure of eight shaped winding for precise focal magnetic field
- Control the coil output directly from the coil


### Ideal when frequent changes to coil output are required

	Compatibility		
	200 <sup>2</sup>	BiStim <sup>2</sup>	Rapid <sup>2</sup>
	✓	✓	*

\*Pulse triggering only with the Rapid<sup>2</sup> - Contact us for more information



Illustrative example of stimulating field intensity



*Users in the USA: The Magstim® D70 Remote Coil is FDA 510(k) cleared for the stimulation of peripheral nerves. All other uses are considered investigational. In accordance with US federal regulations an IDE and/or IRB approval may be required.*

\* Peak Magnetic Field using the Magstim® 200<sup>2</sup> provided for comparison of coils. \*\* Peak Magnetic Field of air cooled coils using the Magstim® Rapid<sup>2</sup>.

# MAGSTIM SPECIALIST COILS

## D70<sup>2</sup> Coil

4102-00

- Handle improves user comfort to maintain coil position for longer periods.
- Reach motor threshold with 25% less stimulator output.

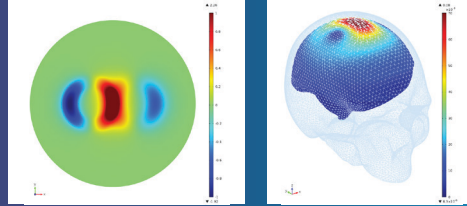
**Ideal when coil will be held for long periods**

### Compatibility

200<sup>2</sup>

BiStim<sup>2</sup>

Rapid<sup>2</sup>



Illustrative example of stimulating field intensity



*Users in the USA: The Magstim® D70<sup>2</sup> Coil is FDA 510(k) cleared for the stimulation of peripheral nerves for diagnostic purposes. All other uses are considered investigational. In accordance with US federal regulations an IDE and/or IRB approval may be required.*

## 110mm Double Cone Coil

4610-00

- 70% higher induced current in the central fissure<sup>+</sup>

**Ideal for stimulating the motor cortex areas controlling the lower torso and limbs**

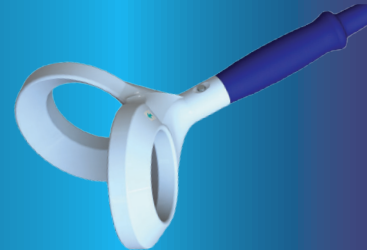
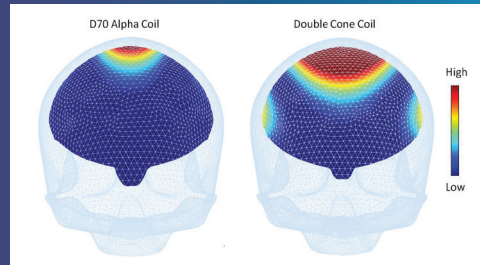
<sup>+</sup> Compared to a 90mm circular coil

### Compatibility

200<sup>2</sup>

BiStim<sup>2</sup>

Rapid<sup>2</sup>



*Users in the USA: CAUTION: Investigational device. Limited by Federal (or United States) Law to investigational use. In accordance with US federal regulations an IDE and/or IRB approval may be required.*

<sup>\*</sup> Peak Magnetic Field using the Magstim® 200<sup>2</sup> provided for comparison of coils. <sup>\*\*</sup> Peak Magnetic Field of air cooled coils using the Magstim® Rapid<sup>2</sup>.

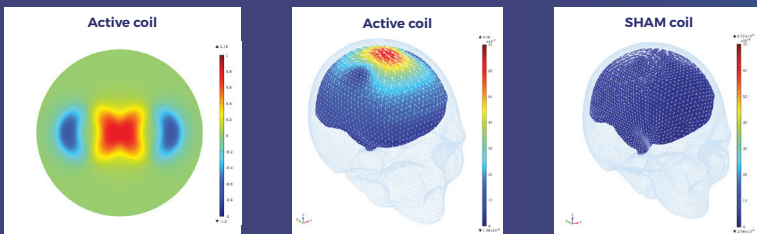
# MAGSTIM COOLED COILS AND PACKAGES

## D70mm Air Film Coil (AFC)

3910-00

- Integrated thermostatic control
- AirFilm® cooling system
- **SHAM coil available (3950-00)**
- Packages available

Ideal for rTMS therapeutic investigations



Illustrative example of stimulating field intensity comparing the active and SHAM coils

### Compatibility

200<sup>2</sup>

BiStim<sup>2</sup>

Rapid<sup>2</sup>



## D70mm Air Film Coil (AFC) Package

4858-00

Package includes:

- 3910-00 Double 70mm Air Film Coil (AFC)
- 4735-00 AFC Support Stand

### Compatibility

200<sup>2</sup>

BiStim<sup>2</sup>

Rapid<sup>2</sup>



## Air Film Coil (AFC) Package with SHAM

4994-00

Package includes:

- 3950-00 D70mm Air Film Sham Coil
- 3910-00 Double 70mm Air Film Coil (AFC)
- 4735-00 AFC Support Stand

### Compatibility

200<sup>2</sup>

BiStim<sup>2</sup>

Rapid<sup>2</sup>



*Users in the USA: The Magstim® AirFilm® Coil is FDA 510(k) cleared for the stimulation of peripheral nerves. All other uses are considered investigational. In accordance with US federal regulations an IDE and/or IRB approval may be required.*

<sup>\*</sup> Peak Magnetic Field using the Magstim® 200<sup>2</sup> provided for comparison of coils. <sup>\*\*</sup> Peak Magnetic Field of air cooled coils using the Magstim® Rapid<sup>2</sup>.



**Your local distributor:**

**Locations:**



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SA34 0HR

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**Email: [sales@magstim.com](mailto:sales@magstim.com)**



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Plymouth,  
MN 55447

**Call: 844 624 7846**  
**Email: [sales@magstim.com](mailto:sales@magstim.com)**

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