

TMS – Transcranial Magnetic Stimulation

DuoMAG XT - 100

The DuoMAG XT is a magnetic stimulator built for ease-of-use in research scenarios. The system can be controlled via the coils, a PC or the DuoMAG touch-screen for ultimate ease-of-use.

Basic specification:

- Powerful System Capable of intensive high frequency protocols for the most complex clinical, psychiatry and research use. DuoMAG XT-100 can reach 100 pps at 45% intensity.
- A motor threshold (MT) can be found at 47% stimulation intensity for the majority of the population (>90%) on all devices. DuoMAG XT-100 can reach 100 pps at 45% intensity. The nearest competitor can only reach 30% intensity at 100 pps.
- FlexiTower cart with innovative counter-weight balanced positioning arm and auto-locking of position thatgreatly
 reduces the effort needed to find and fix the placement of Deymed coils.
- Stimulation intensity and Start-Stop controls on the coil for fast and easy access.
- Installed on a Deymed cart with wheels for easy movement from room to room.
- When used with 70BF-Cool coil, even intense TBS protocols can be used all day without over-heating the coil due to the double air-cooled fans and advanced coil design.

Technical specification:

- Pulse mode: biphasic, repetitive, burst
- Dimensions: 49 x 16 x 38 cm
- Weight: 17,5 kg
- Maximum repetition rate: 100 Hz
- Minimum Inter-train Interval: 10 ms
- Pulse width: 290 µs
- Coil Compatibility: Deymed coils
- Main voltage: 100-240 Vac 50/60 Hz
- Synchronization: TTL in/out and/or USB
- Communication: USB full control, control on coil
- Counter-weight balanced coil-holder for TMS significantly lowers the weight of the coils for use in any scenario where the user doesn't want to struggle with difficult coil positioning



Compatible coils:

70BF - Cool

- Butterfly Coil 70mm with controls and cooling fans
- Typical use: Focused long-term cortical stimulation, mainly for rTMS. Can be used with the counterweight balanced coil-holder on the MagTower Configuration.



Compatible coils: 70BF

- Butterfly Coil 70mm with controls
- Typical use: Focused cortical stimulation, mainly for rTMS



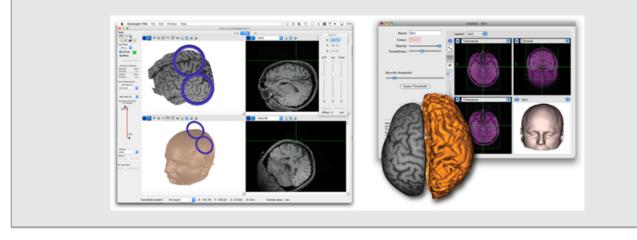
Producer's web: https://deymed.com/duomag-xt

Brainsight TMS – Rogue Research Inc.

Brainsight TMS is the image-based navigator/neuronavigation system dedicated to TMS placement.

Technical specification:

- Intuitive workflow based user interface
- Multiple image file formats DICOM, MINC, Siemens .ima, etc.
- Region Paint Tool possibility paint a region for use in the 3D reconstruction module, or simply to highlight a structure
- Automatic Curvilinear Reconstruction reconstruction the whole brain or just a hemisphere
- Targetting markers or trajectories anywhere based on anatomy or functional peaks



Producer's web: http://www.optoacoustics.com/medical/



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