

TMS NAVIGATOR

IMAGE-BASED
NAVIGATION
SYSTEM



HIGH-TECH SHOULD BE SIMPLE AND FLEXIBLE

Localite TMS Navigator is a navigation system for transcranial magnetic stimulation (TMS) which is configurable according to your needs and wishes. With the TMS Navigator you can plan stimulation areas and monitor and record the correct position of patient and coil.

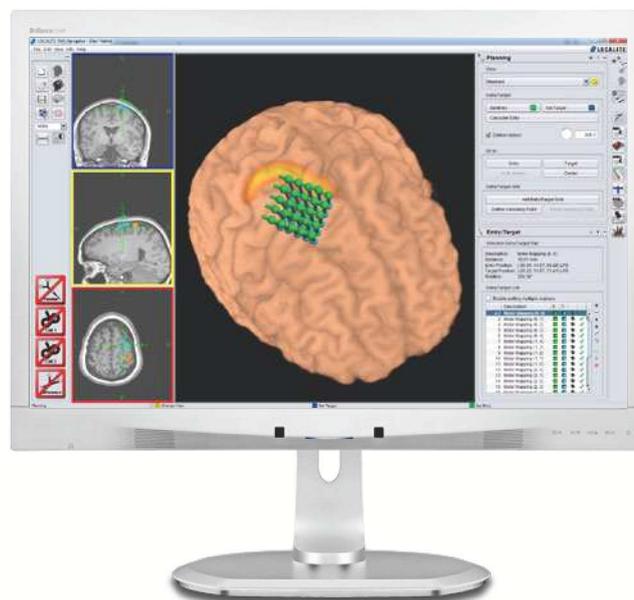
MR-LESS SYSTEM

Individualized standard data set for navigated stimulation without MRI



MR-BASED SYSTEM

Flexible and versatile navigation based on individual MRI data sets



INTEGRATION OF LABORATORY EQUIPMENT

Online control and integration of magnetic stimulators or other devices



SOPHISTICATED PLANNING OPTIONS

Flexible Entry/Target planning:
Manually configured lists up to computed grid

MR-COMPATIBLE SYSTEM

Advanced solution:
Navigated stimulation
inside the MR scanner



ROBOTIC SYSTEM

Automatic and
safe coil positioning
with the Axilum
Robotics TMS robot



TMS NAVIGATOR

Localite TMS Navigator offers you a wide range of solutions – choose the one that fits perfectly to you and your needs.

PRECISE During navigation a highly precise tracking system captures the position of patient and TMS coil. In the case of deviation you will obtain an immediate feedback as well as intuitive assistance to readjust the coil. A continuous control of accuracy supports your navigation permanently.

INTUITIVE The user friendly software with its coherent icons and controls eases the access to many applications. Important procedures can be operated by a foot switch so your hands stay free for further tasks.

CONFIGURABLE You can use the full functional range both based on an individual MRI and without an MRI of the patient. Beyond that you can enhance and adapt the Localite TMS Navigator with several optional software modules and hardware components.

SCALABLE Localite TMS Navigator is available as Classic Edition for clinical therapy and scientific research or as Robotic Edition for an automatic coil positioning in a package with the TMS robot by Axilum Robotics. There is also the MR-Compatible Edition for navigated TMS inside the MR scanner that has been developed based on a 15 years' experience in navigation for interventional MRI.

COMPATIBLE Due to our flexible instruments and algorithms you can navigate coils from all manufacturers. You can also position and control up to four coils at the same time on the patient's head. Thanks to an open documentation approach Localite TMS Navigator offers versatile possibilities to process the recorded data downstream.

CERTIFIED Localite TMS Navigator is a CE approved medical device. A close cooperation with internationally renowned TMS experts guarantees a continuous product improvement. Development, manufacture and distribution are controlled by a certified quality management system according to EN ISO 13485.

LOCALITE. Localite creates unique medical navigation and planning systems for research and therapy and engages actively in research projects.

The company was founded in 1999 as a result of a prize winning human computer interaction project of today's Fraunhofer Institute for Applied Information Technology. Since then usability has been a primary requirement of product development.

Today, Localite's advantage is an open and permeable organization structure from customers and partners through to developers. Cooperation with leading-edge researchers and dynamic development processes allows for fast individual adaptation to customer needs and adherence to cost and delivery dates.

The company is also a dynamic industrial partner in projects promoted by the Federal Ministry of Education and Research and the Federal Ministry for Economic Affairs and Energy.



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Localite GmbH maintains a certified quality management system according to EN ISO 13485.

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