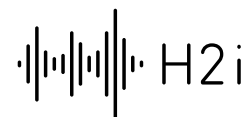
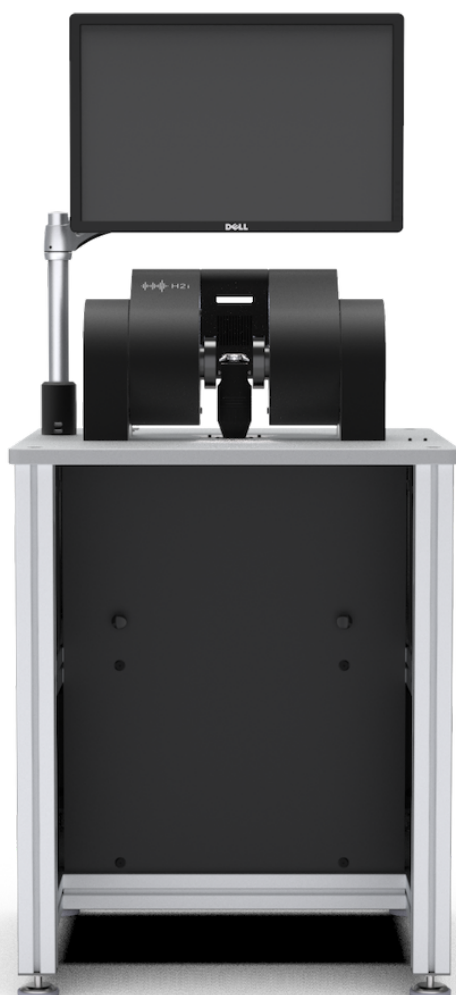


Magnetic Module 160,000 A/m (2,000 Gauss)



High-Intensity Magnetic Field Generator

Although still in force, the NIHS 90-10 standard which governs the magnetic field resistance of watches covers only weak field values, up to 60 Gauss. In order to meet the ongoing demand of Swiss brands for an exposure solution to stronger magnetic field intensities, H2i developed a new generator of adjustable and continuous fields, dedicated to the watch industry.



Magnetic Module 160,000 A/m (2,000 Gauss)

High-Intensity Magnetic Field Generator



TECHNOLOGY

MAGNETISM

Maximum magnetic field: 2'000G (200mT).
Magnetic circuit with air gap size: $\varnothing 60 \times L60$ mm.
Regulation and measurement: Integrated gaussmeter.
Precision within the air gap: 1G (0.1mT).
Homogeneity within the air gap: <10%.
Stage with angular indicator: Rotative 360°.

ACOUSTIC

Multi-position acoustic measurement: ONEOF® Accuracy Pro (manual), ONEOF® Accuracy Motion (motorized, optional).
Measurement within the air gap: Possible in CH position.

SOFTWARE

ONEOF® ACCURACY

Dedicated Magnetism plugin.
Value, step and duration of the magnetization.
Continuous acoustic measurement.
Acoustic multi-sensor management for parallel measurements.
Cumulated graphs, diagram, escapement signal.
Local/Network/Cloud database for results and parameters.
Export measurement data as PDF and CSV files.
Mix acoustic-magnetic programmable sequences toolkit (Optional plugin).

OS REQUIREMENTS

Windows 10, release 1803 and later.
SQL Server required for Network/Cloud database.

MODULE

MISCELLANEOUS

Air cooling: Coils & air gap.
Temperature rise: < 5°C within the air gap.
Power supply: 220V.
Dimensions: 700m x 700m x 1500mm (L X D X H).
Weight: 260Kg.