

Magnetic Field Testing & In-Line Monitoring for Consumer Electronics

EMC safety verification • magnet & magnetic-part performance QA • on smartphones, smartwatches, wearables & PCBs



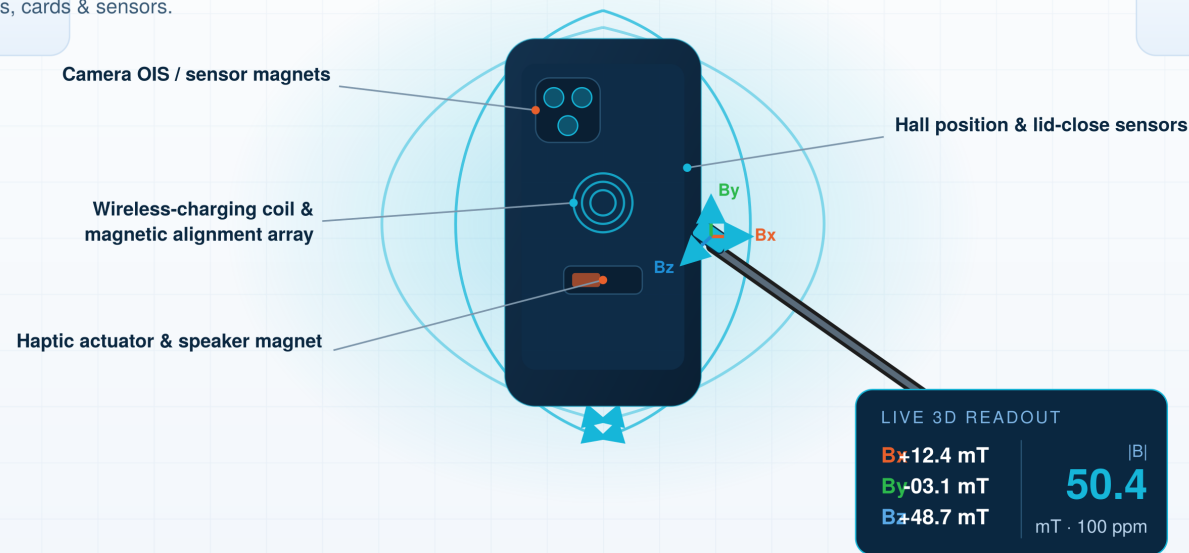
EMC & Safety

Detect stray & leakage fields, verify shielding, ensure no interference with implants, cards & sensors.



Magnet Performance

Validate magnet strength, polarity & field uniformity — pass/fail QA at production speed.



SENIS INSTRUMENTS FOR THE JOB

F3B

Analog Transducer

3-axis, fixed integrated Hall probe

High f-bandwidth + good accuracy for in-line AC/DC field capture on the line.

FSP 100x100 μm · DC–25 kHz

I3D

Analog Transducer

2-/3-axis, high-resolution

Low-noise readings of weak stray & leakage fields for EMC characterisation.

Low noise · high resolution

3MH4

Digital Teslameter

Bench/rack digital readout

Traceable pass/fail QA with display & data ports for test-station integration.

0.1% · 2 μT · up to 9 T

3MH1-E

Handheld Teslameter

Battery + touch display

Portable spot-checks & incoming-goods inspection with exchangeable probes.

Field-ready · 3-axis

APPLICATIONS:



Smartphones



Smartwatches



Wearables & earbuds



Consumer-electronics PCBs

Test smarter — talk to SENIS

ISO 17025 accredited calibration · www.senis.swiss