

SENIS 3D HALL: designed to enable your quality inspection to be easy and repeatable

The only provider of solutions for accurate B_x , B_y , B_z and B_{total} measurement in a single point, also for high-gradient magnetic fields

Position Resolution
Amplitude Accuracy
Angle Accuracy
Close to Magnet

SENIS' 3-axis sensor features the World's smallest FSV (Field Sensitive Volume) $<0.1 \times 0.1 \text{mm}^2$, with FSV to surface $<0.3 \text{mm}$

Accuracy improves from some 5% to **0.01%**

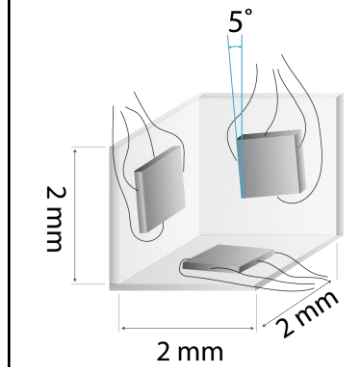
Correct B_x , B_y , B_z and B_{total} measurement in single point due to a small FSV $<0.1 \times 0.1 \text{mm}^2$

Mutual orthogonality of measurement axis compensated to $<0.1^\circ$

Quality system
ISO 9001
ISO 22301

Patented solution

ISO 17025
Calibration Lab



Traditional 3D Hall with three 1D Hall chips

Large sensitive volume
High mutual non-orthogonality
Long distance to magnet surface

SENIS innovative 3D Hall technology in a single chip

Smallest sensitive volume
Highest mutual orthogonality
Closest to magnet surface

