

SENIS MAPPERS – QUANTITATIVE COMPARISSON MATRIX

	MMS-1A-RS	MMS-1X-RS	MMS-ROT
USPs	The only reference device for magnet tests, with B_{total} in point, highest accurate, fast, flexible & customizable.	The only large-size reference device for magnet tests, with B_{total} in point, highest accurate, fast, flexible & customizable; Granite table option	Robust, industrial, for production tests of rotors and ring magnets
Accuracy	0.1% (magnetic) / 0.5%	0.1% (magnetic) / 0.5%	1% / 2%@2T
Resolution	40uT / 2uT	40uT / 2uT	50uT
F-bandwidth / sampling	DC – 25kHz / 60Ksamples/s	DC – 25kHz / 60Ksamples/s	DC – 15kHz
Range	100mT/500mT/2T	100mT/500mT/2T	100mT/500mT/2T
Scanning speed	50mm/s ; 360°/s	50mm/s ; 360°/s	180°/s
Orthogonality Compensation (<0.1°)	✓	✓	-
Probes	H; AMR; eddy-current; stylus; sliding	H; AMR; eddy-current; stylus; sliding	C – integrated in touch probe
Scanning volume	125x125x150mm / 125x125x290mm	570x570x290m / 570x570x380mm	155mm (Z-axis) / 55mm (radial)
Display	Graphic	Graphic	Graphic
Distance to magnet	0.3mm	0.3mm	In contact, 0.5mm



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Accuracy magnetic / mechanic	● ●	● ●	●
Resolution	● ●	● ●	●
F-bandwidth / sampling	● ●	● ●	●
In contact measurement	●	●	● ●
Scanning speed	● ●	● ●	●
Orthogonality Compensation (<0.1°)	✓	✓	-
Probe Variety	● ●	● ●	●
Scanning volume	● ●	● ● ●	●
Compact and Portable	-	-	✓
For Production Lines	●	●	● ●

