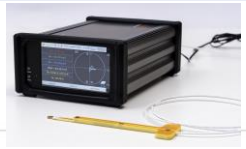
SENIS DESKTOP TESLAMETERS – QUANTITATIVE COMPARISSON MATRIX

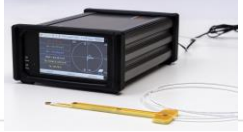
	3MH6-E	3MH4	3MH3	3MH2	3NTA1
USPs	**The only Teslameter on the market with B_{total} in point,** and with highest acc. & res.	**The only mid-range Teslameter on the market with B_{total} in point.** High resolution; Inexpensive.	Robust, industrial	High accuracy & resolution, inexpensive	**The only Nanoteslametter on the market with such a high spatial resolution probe**
Accuracy	100ppm / 0.01%	1000ppm / 0.1%	1%	1000ppm / 0.1%	1%
Resolution	1uT / 0.5uT	2uT	50uT	2uT	1nT
Frequency Bandwidth	DC – 2kHz	DC – 2kHz	DC – 1kHz	DC – 2kHz	DC
Measurement Ranges	100mT/500mT/2T/20T	100mT/500mT/2T/20T	20mT/200mT/2T/20T	100mT/500mT/2T/20T	0.1mT
Probe Interchangeability	✓	-	-	-	-
Orthogonality Compensation (<0.1°)	✓	✓	-	✓	-
Probes	C	C, H, K	C, H, A	C, H, K	**AMR** **Spatial res: 12.5x0.5x0.25mm**
Trigger	✓	✓	✓	✓	-
Display	Graphic	Graphic	Numeric	-	-
Data logging	✓	✓	-	✓	-



SENIS
magnetic & current measurement

SENIS DESKTOP TESLAMETERS – QUALITATIVE COMPARISSON MATRIX

	3MH6-E	3MH4	3MH3	3MH2	3NTA1
USPs	**The only Teslameter on the market with B_{total} in point,** and with highest acc. & res.	**The only mid-range Teslameter on the market with B_{total} in point.** High resolution; Inexpensive.	Robust, industrial	High accuracy & resolution, inexpensive	**The only Nanoteslametter on the market with such a high spatial resolution probe**
Accuracy	● ● ●	● ●	●	● ●	●
Resolution	● ● ●	● ●	●	● ●	● ● ● ●
Frequency Bandwidth	● ● ●	● ● ●	● ●	● ● ●	●
Selectable Ranges	● ● ●	● ● ●	● ● ●	●	●
Probe Interchangeability	✓	-	-	-	-
Orthogonality Compensation (<0.1°)	✓	✓	-	✓	-
Probe Flexibility	●	● ● ●	● ● ●	● ● ●	**AMR** **Spatial res: 12.5x0.5x0.25mm**
Trigger	✓	✓	✓	✓	-
Display & Data Analysis	● ● ●	● ● ●	● ●	●	● ●
Data Logging	✓	✓	-	✓	-



SENIS
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