

# SENIS HANDHELD TESLAMETERS – QUANTITATIVE COMPARISSON MATRIX

	3MH1-1 / 3MH1-2	3MTS-1 / 3MTS-2
USPs	Battery operated, inexpensive	USB teslameter, GUI on PC with plots, data analysis, alarming...
Accuracy	2%	1%
Resolution	50uT / 150uT / 2mT (10sec)	50uT (1sec)
Sampling	1kHz	1kHz
Range	60mT / 500mT / 4T	100mT/500mT/3T/20T
Probe Interchangeability	✓	-
Probe Holder Material	FR4 / 0.6mm to magnet	Carbon fiber / 0.35mm to magnet
Probe	3DHALL (SENM3Dx in QFN package), FSV: 0.1x0.1.0.01mm	C Hall Probe with MAG3D chip, FSV: 0.15x0.15.0.01mm
Trigger	-	✓
Display	Numeric	Graphic
Data logging	✓	✓



# SENIS HANDHELD TESLAMETERS – QUALITATIVE COMPARISON MATRIX

	3MH1-1 / 3MH1-2	3MTS-1 / 3MTS-2
Battery operated	✓	-
Accuracy	●	● ●
Magnetic Resolution	●	● ●
Sampling	● ●	● ●
Selectable Ranges	●	● ●
Probe Interchangeability	● ●	●
Probe Holder Thickness	●	● ●
Probe on cable	✓	✓
Trigger	-	✓
Display & Data Analysis	●	● ●
Distance to Magnet	●	● ●

