

Teslameters/Gaussmeters



	F71	F41	475	425	410
Description	Multi-axis/single-axis benchtop	Single-axis benchtop	Single-axis benchtop	Single-axis benchtop	Single-axis handheld
Probe type	Most versatile for vector or single-axis measurements	Single-axis measurements	Single-axis measurements	Single-axis measurements	Portable single-axis measurements
Field ranges (G)	1 mG to 350 kG	1 mG to 350 kG	1 mG to 350 kG	1 mG to 350 kG	0.3 G to 20 kG
Frequency ranges (Hz)	DC to 50 kHz	DC to 50 kHz	DC to 20 kHz	DC to 10 kHz	DC to 10 kHz
Accuracy at 1 kG	1.3 G	1.3 G	3.6 G	14 G	22 G
TruZero™	■	■	—	—	—
AC filtering	Advanced	Advanced	Advanced	Basic	—
Field control	Option	Option	■	—	—
Alarm thresholds	■	■	■	■	■
Pulse measurement	■	■	■	—	—
Analog out	■	■	■	■	—
Drivers	LabVIEW™, IVI.NET, Python	LabVIEW™, IVI.NET, Python	LabVIEW™	LabVIEW™	None
Screen	5 in touchscreen	5 in touchscreen	2-line LCD	2-line LCD	1-line LCD
Connectivity	USB, Wi-Fi, Ethernet	USB, Wi-Fi, Ethernet	RS-232, GPIB	USB	None
Portable	—	—	—	—	■
Suggested applications					
Permanent magnet quality control	■	■	■	■	■
Magnet sorting	■	■	■	■	—
Electromagnet field control	Best	Best	■	—	—
AC field measurement	Best	Best	■	—	—
Scientific research/systems	■	■	—	—	—
Fringe field and safety	—	—	—	—	■

Lake Shore Teslameters/Gaussmeters



NEW teslameters
F71 multi-axis
F41 single-axis

Perfect for measuring magnetic fields in a wide variety of applications, the new Lake Shore Cryotronics F71 and F41 teslameters with FP Series probes offer a new level of precision, convenience, and dependability.



Model 475 gaussmeter



Model 410 handheld
gaussmeter



Model 425 gaussmeter