

# Teslameters/Gaussmeters



	F71	F41	475	425
<b>Description</b>	Multi-axis/single-axis benchtop	Single-axis benchtop	Single-axis benchtop	Single-axis benchtop
<b>Probe type</b>	Most versatile for vector or single-axis measurements	Single-axis measurements	Single-axis measurements	Single-axis measurements
<b>Field ranges (G)</b>	1 mG to 350 kG	1 mG to 350 kG	3.5 G to 350 kG	35 G to 350 kG
<b>Frequency ranges (Hz)</b>	DC to 50 kHz	DC to 50 kHz	DC to 20 kHz	DC to 10 kHz
<b>Accuracy at 1 kG</b>	1.3 G	1.3 G	3.6 G	14 G
<b>TruZero™</b>	■	■	—	—
<b>AC filtering</b>	Advanced	Advanced	Advanced	Basic
<b>Field control</b>	Option	Option	■	—
<b>Alarm thresholds</b>	■	■	■	■
<b>Pulse measurement</b>	■	■	■	—
<b>Analog out</b>	■	■	■	■
<b>Drivers</b>	LabVIEW™, IVI.NET, Python	LabVIEW™, IVI.NET, Python	LabVIEW™	LabVIEW™
<b>Screen</b>	5 in touchscreen	5 in touchscreen	2-line LCD	2-line LCD
<b>Connectivity</b>	USB, Ethernet	USB, Ethernet	RS-232, GPIB	USB
<b>Portable</b>	—	—	—	—
<b>Suggested applications</b>				
<b>Permanent magnet quality control</b>	■	■	■	■
<b>Magnet sorting</b>	■	■	■	■
<b>Electromagnet field control</b>	Best	Best	■	—
<b>AC field measurement</b>	Best	Best	■	—
<b>Scientific research/systems</b>	■	■	—	—
<b>Fringe field and safety</b>	—	—	—	—

# Lake Shore Teslameters/Gaussmeters



Teslameters  
F71 multi-axis  
F41 single-axis

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



Model 475 gaussmeter

Model 425 gaussmeter

