

# IntelliMESUR® / EasyMESUR® Comparison Chart

✓ = included    ○ = optional    ✗ = not available



**M** IntelliMESUR®

**M** EasyMESUR®

Feature / Specification	IntelliMESUR®	EasyMESUR®
Basic test wizards	✓	✓
Multi-step tests	✓	✗
Extended speed ranges	✓	○
Distance measurement, distance limits, and preload	✓	○
Auto-return and cycling	✓	○
Break detection	✓	○
Load holding	✓	○
FollowMe® crosshead positioning	✓	○
Batch testing	✓	✗
Operator prompting	✓	✗
Pass / fail limits	✓	✓
Report creator	✓	○
Results	Large selection	1 per test
Graphing and statistics	✓	○
Overlay previous runs on graph	✓	✗
PC control via third-party application	✗	○
Deflection compensation	✓	✗
Coefficient of friction (COF) measurement	○	✗
Overload protection	✓	✓
Accuracy - force sensor alone	±0.1% or ±0.15%, depending on sensor	
Accuracy - test frame alone	±0.1%	
Distance resolution	0.0005 in [0.01 mm]	0.001 in [0.02 mm]
Position accuracy	±0.002 in [0.05 mm]	Small frames: ±0.003 in [0.08 mm]* Large frames ±0.006 in [0.15 mm]*
Speed accuracy	0.2% of setting	
Peak capture rate	20,000 Hz	5,000 Hz
Data acquisition rate	1,000 Hz	100 Hz
Number of data points per run	1,000,000	100,000
Users and permissions	3 permission tiers, unlimited users	1 tier (password access)
Runs on	Windows tablet or PC	Control panel only

\* Without load. Because load cell deflection and system deflection are present and not automatically compensated for, EasyMESUR® is recommended for applications requiring at least 0.2 in [5 mm] of travel. Small frames: F105, F305, F505, F505H. Large frames: F755, F755S, F1505, F1505S.