

IntelliMESUR® / EasyMESUR® Comparison Chart

 IntelliMESUR®  EasyMESUR®		
 		
✓ = included ○ = optional ✗ = not available		
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	✗	○
Materials testing calculations	○	✗
Coefficient of friction (COF) measurement	○	○
Spring rate calculation	✓	○
Overload protection	✓	✓
Accuracy - force sensor	±0.1% or ±0.15% of sensor full scale	
Accuracy - test frame	±0.1% of sensor full scale	
Distance resolution	0.0005 in [0.01 mm]	0.001 in [0.02 mm]
System deflection compensation	✓	✓
Accuracy - distance	±0.002 in [0.05 mm], at any load or position	±0.006 in [0.15 mm], at any load or position
Accuracy - speed	0.2% of setting	
Peak load 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

