

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 | ✗ | ○ |
| 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 |