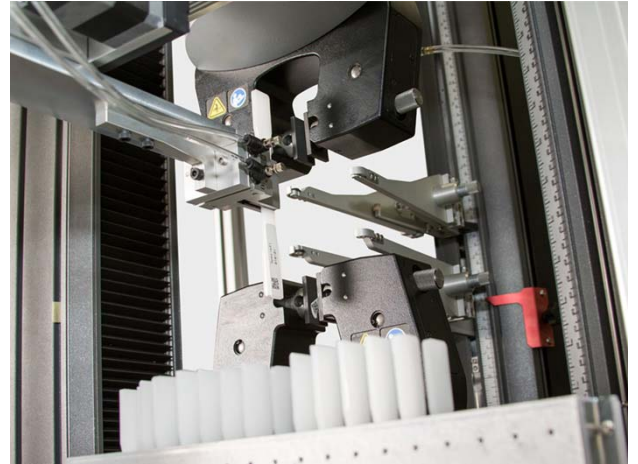


IMPROVE LAB EFFICIENCY WITH NEW AUTOMATED TESTING SYSTEMS

Instron, a leading provider of testing equipment designed to evaluate mechanical properties of materials and components, announces the development and release of its newest automated testing systems for plastics: the TestMaster AT3 for tensile testing and the TestMaster AT3+ for tensile and flex testing.

Designed to meet the testing requirements of ASTM D638 and D790, ISO 527 and 178, as well as other testing standards, these systems offer many of the benefits of the Instron robotic AT6 systems, but in a smaller footprint and at a significantly lower cost.



- Storage racks hold up to 80 specimens (can vary based on sample size and geometry)
- Multiple racks can be purchased with each system, allowing operators to pre-load specimens while the system is running
- With the loader up and out of the way, the system can be used manually – with virtually zero switch-over time
- Compatible with the AutoX750 extensometer, the user has the option of having an automatic, direct contacting extensometer for strain measurement – rather than using the crosshead displacement, which is significantly less accurate
- Standard options for specimen barcode read capability and automatic dual axis specimen measurement

More Consistent Testing

The automated specimen loading feature improves repeatability and reproducibility of testing and results, minimizing human influence, and thus, human error.

Safety & Ergonomics

The AT3 and the AT3+ Automated Testing Systems increase safety by keeping the operator away from the testing area, and improves ergonomics by virtually eliminating repetitive motions associated with high volume manual testing.



The difference is measurable®

Save Operator Time

Free up valuable operator time by automating the specimen measurement and handling portions of the mechanical test. The operator simply loads the tray and lets the system run, uninterrupted. Depending on the materials and the exact tests performed, operators can expect to save up to 75% of their time – time that can be used for higher value-added tasks.

AT3/AT3+ Video

https://youtu.be/9LI2t_jKPhQ