



## AUTOMATED TESTING SYSTEMS

*The difference is measurable™*

Instron offers automated specimen handling solutions that present many advantages over traditional, manually-operating testing systems.



Automated specimen handling systems improve productivity and increase the volume of testing conducted, without additional personnel, by efficiently utilizing valuable instrumentation and modern technology. Increased productivity in the laboratory is a function of intelligent resource allocation. Instron's automated specimen handling systems allow workers to better utilize their time and apply fundamental added value to other projects while maintaining testing throughput.

In addition to improving workforce utilization, the integrity and consistency of data are greatly improved. There are many potential sources of error when performing mechanical tests. Gauge repeatability and reproducibility studies (GR&R) suggest that the test operator is most commonly the greatest source of error. In an effort to reduce or eliminate error, fully automated specimen handling systems may be used. Specimen handling systems may involve robotic arms, rotary tables, and XY tables amongst others.

For more information on Instron's products and services, visit [www.instron.com](http://www.instron.com). Click on 'Contact Us' to locate a sales, service and technical support office near you.