



Materials Testing Accessories Newsletter

In this Issue: Accessories that Improve Productivity and Repeatability

A Comparison of Two Systems Testing to ISO 527-2

Q. Are you under pressure from management to reduce test-related costs? Is your current configuration optimized for efficiency?

A. Improving load string configuration can have dramatic effects on your testing cycle times making your process more efficient and saving costs.

Video: A Comparison of Two Systems Testing to ISO 527-2

Automatic Specimen Measuring Device (ASMD)

Q. How do your operators input specimen dimensions into Bluehill[®] Software? Is there a lot of manual intervention?

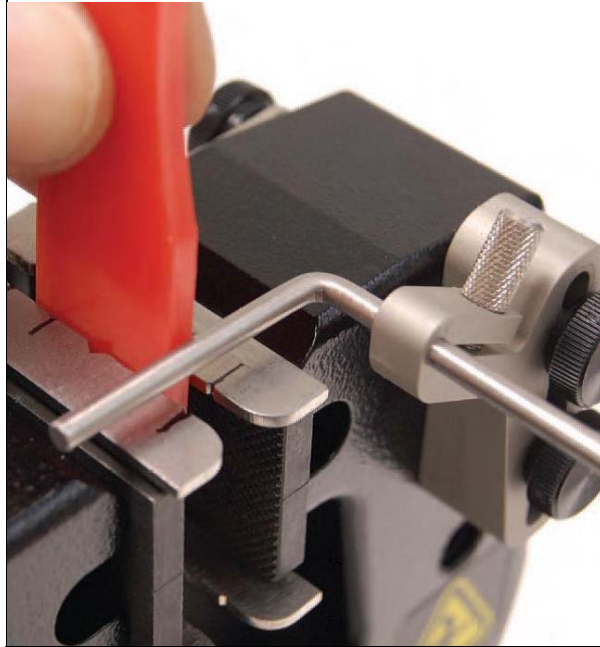
A. The Automatic Specimen Measuring Device could save you time and reduce errors due to manual manipulation. The ASMD allows you to measure your specimen dimensions and input these dimensions directly into [Bluehill Software](#), removing the manual input of data and reducing the risk of human error.

Pneumatic Grips with Specimen Stops

Q. Do your operators have difficulty inserting test specimens into a grip in a consistent manner? Are you sure the specimen is aligned axially, removing the risk of the specimen bending when inserted and clamped?

A. Instron [2712-04x pneumatic grips](#) have many safety, productivity, repeatability, and ease of use features. Constant and repeatable gripping pressure ensures each specimen is held the same way, while the self-centering mechanism in the grips ensures the same gripping pressure is applied irrespective of thickness.

The 2714-220 specimen stops allow for accurate and repeatable specimen positioning within the grips. This will reduce scatter in your results by eliminating the off-axis loading of your specimen. It also allows for faster loading as operators do not need to try and align by eye.



AutoX750 Extensometer

Do your operators spend a lot of time ensuring the extensometer is put on straight? Are you confident the extensometer placement is consistent from specimen to specimen?

The [AutoX750](#) is a digital automatic extensometer designed with great precision and accuracy. Its mechanism allows for repeatable gauge length positioning. The knife edges gripping pressure can be set to suit the material and repeated for each specimen tested. When compared to a clip-on extensometer, the AutoX is always axially aligned, where the clip-ons could be placed at a slight angle (off axis).



Related Links

- For more information on Bluehill visit our [website](#) or our [Bluehill Community Blog](#)
- [Sixth Edition of the Accessories Catalog](#) for Materials Testing is now available!
- Missed previous issues of the Accessories Newsletter? [Catch up at the Instron Library](#). Follow the link and select "Newsletter" as the Document Type
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