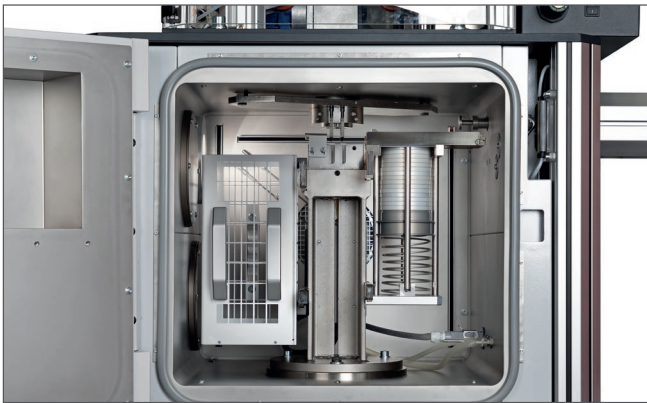


# DROP TOWER IMPACT TESTING

Automated Puncture Impact Test



Instron's Bluehill® Impact AutoMate Software and 9450 Impact Testing Machine utilize an innovative design for automatic puncture impact testing of plastic specimens. Meeting the requirements of ISO and ASTM, this system offers the combined benefits of our 9450 Impact Drop Tower and Bluehill platform to provide a reduction in non-productive time in the lab.



## FASTER TIME TO MARKET

With automated testing, newly developed materials can be continuously tested and validated. The resultant reduction in testing cycles allows your company to bring your products to market faster.

## REDUCED OPERATOR INTERACTIONS

Decrease repetitive operator actions associated with high volume manual testing. Your operators can invest their time smarter, and your company can save approximately 65% of their time daily.



## REDUCED OPERATING COSTS

Your company can save approximately \$200 USD per day associated with LN2 usage with an automated system.



### SIMPLER TEST METHOD CREATION

Bluehill Impact Software includes per-configured test method templates for ISO 6603, ISO 7765 and ASTM D3763 for quicker method set-up.

### SMARTER TEST ANALYSIS

Bluehill Impact Software automatically recognizes the break type according to the shape of the curve (for ISO 6603-2). This ensures associations to the break type remain the same operator-to-operator.



### SMARTER AUTOMATIC TESTING

Once a test method has been created in Bluehill Impact, you can use AutoMate Software module to customize how the specimens in the feeder are tested, assigning different test velocities and temperatures to a single batch of specimens.

### SYSTEM COMPATIBILITY

Bluehill Impact AutoMate and the Automatic Specimen Feeding System are available on the 9450 model.

Bluehill Impact AutoMate can be installed on the 9350 model already equipped with the automatic specimen feeding system.

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