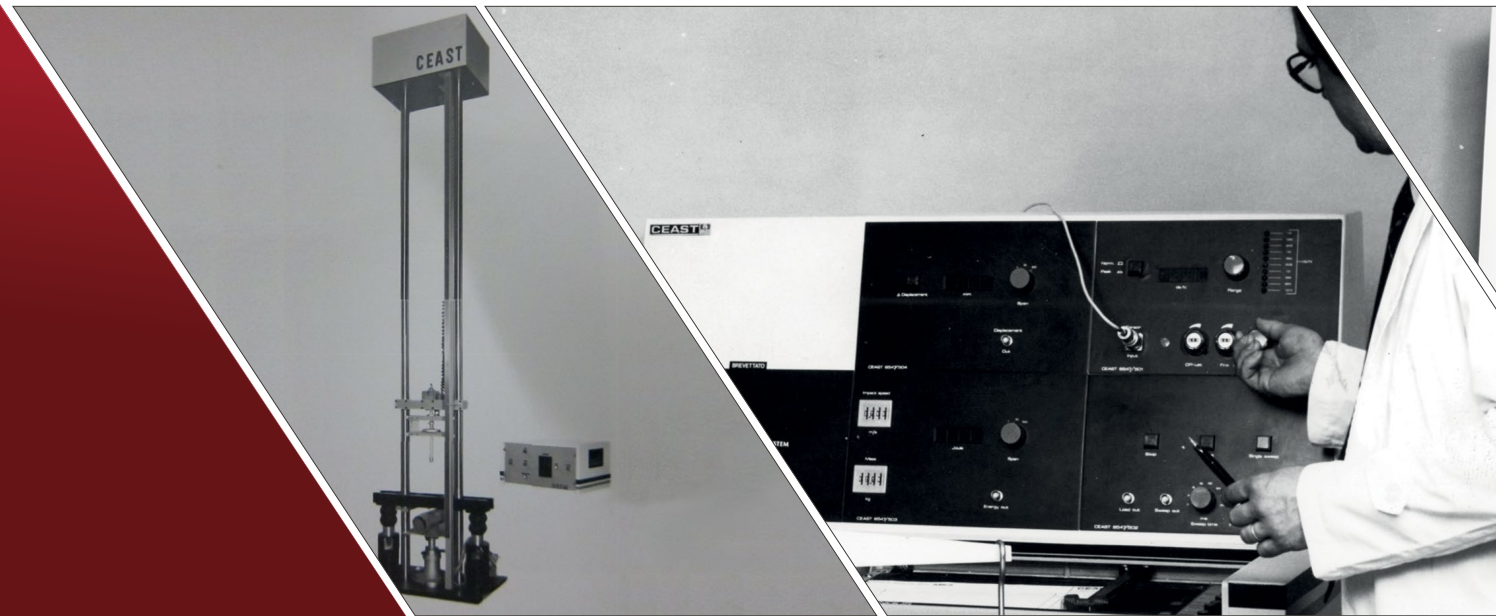


Bluehill® Impact & Dashboard

With Data Acquisition System



The digital revolution of the 1980s and 1990s introduced us to personal computers, operating systems, and the internet. These monumental changes served as catalysts that rapidly evolved the architecture of Drop Weight Impact Systems to embrace digital electronics - moving operators away from a world of dials, pushbuttons, and controls to a world of right and left clicks.



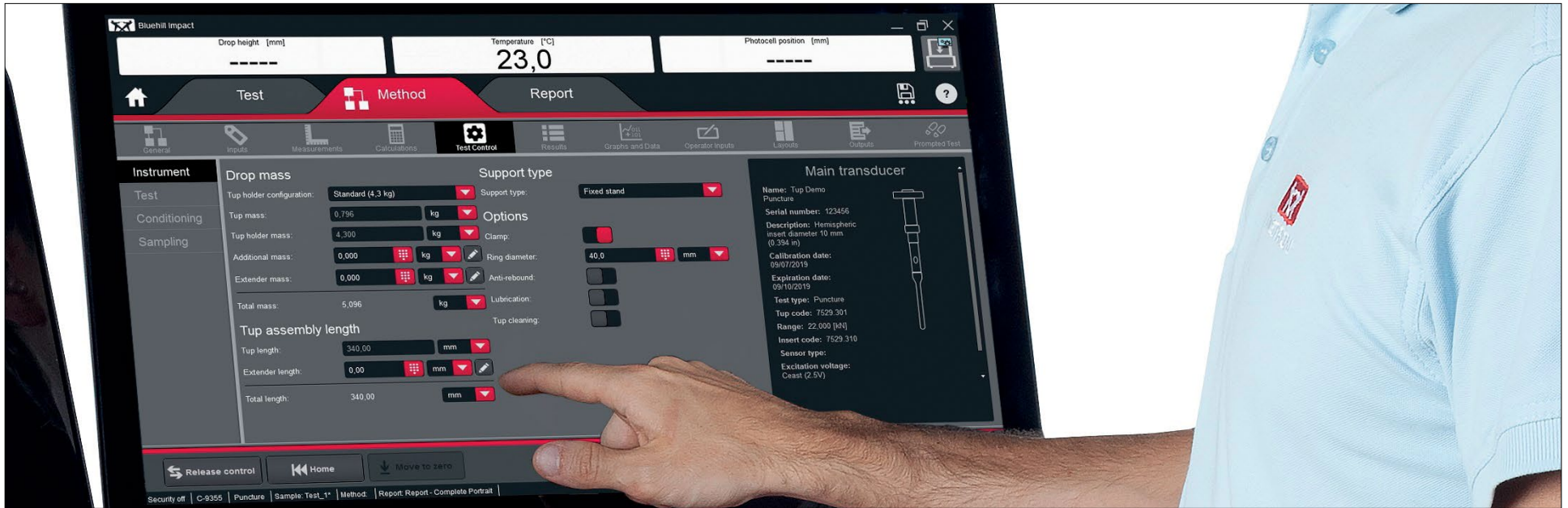
TRUSTED
SINCE 1946

Fast forward to today, where the evolution of consumer devices and the use of smartphones has once again changed the way we view the world. We expect all of our devices and systems to have endless computing and communications power. We expect the design to be simple and embody beautiful interfaces that we can control with the touch of a finger.



| Bluehill® Impact & Dashboard

Bluehill **Impact** is built from the ground up for touch interaction. The Operator Dashboard features large touchpoints to make the user experience simpler and smarter. Easy-to-understand icons and workflows make it easy to train new or experienced users, simplify operator training, and allow you to start testing even faster than ever before.



Touch Screen Interface

The user-friendly touch screen has a simple and clean look. The workflow is intuitive and offers seamless interaction with the system for quick test setup and data export. The pre-formatted templates enable test to be run in a few simple touches.

Effortless Workflow

Bluehill Impact Software enhances the ease of use. The user can run tests, edit methods, analyze results or configure the system with a few clicks. The simplicity of the software allows the user to run tests with minimal effort increasing laboratory efficiency and throughput.



Prompted Test

Thanks to prompted tests and the touch panel, procedures set up takes just a few clicks. Users can be guided through the entire testing process with step-by-step instructions, ensuring that their tests remain repeatable, simple, and error-free. The prompts are customizable with your own text messages.



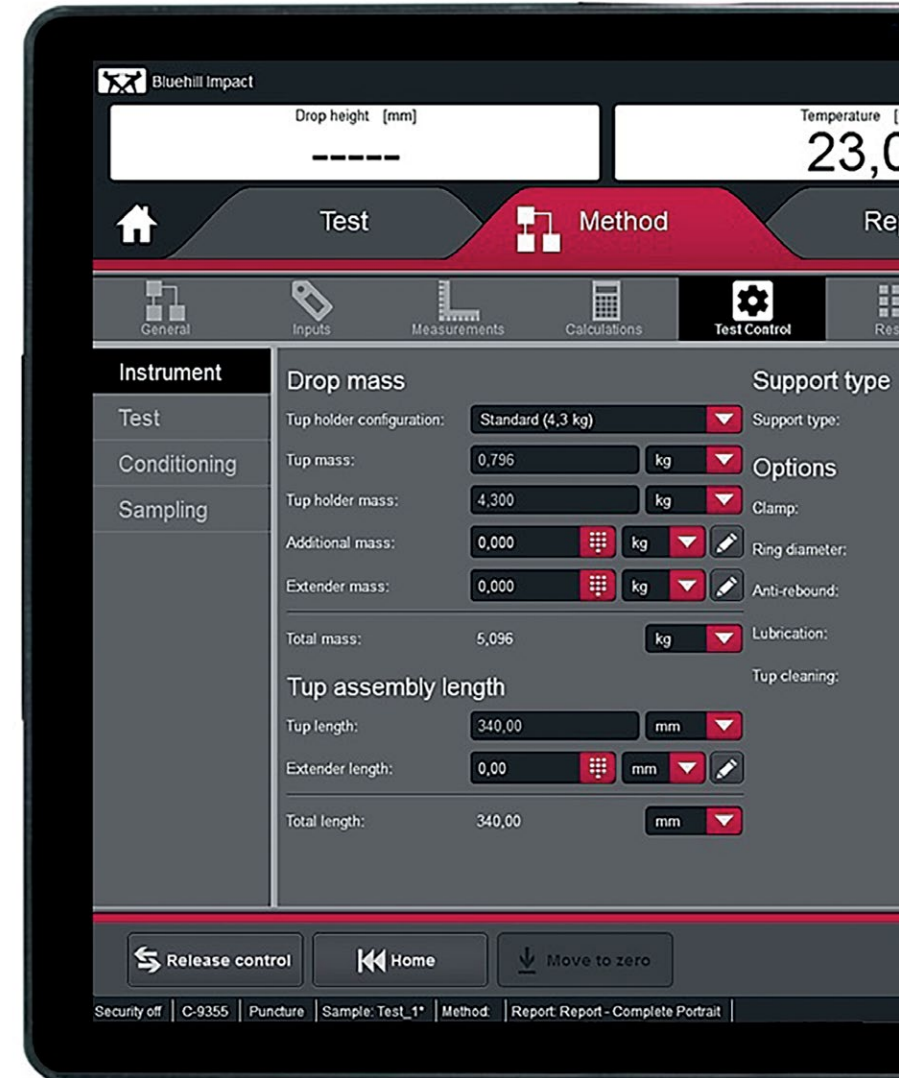
Smart Defaults

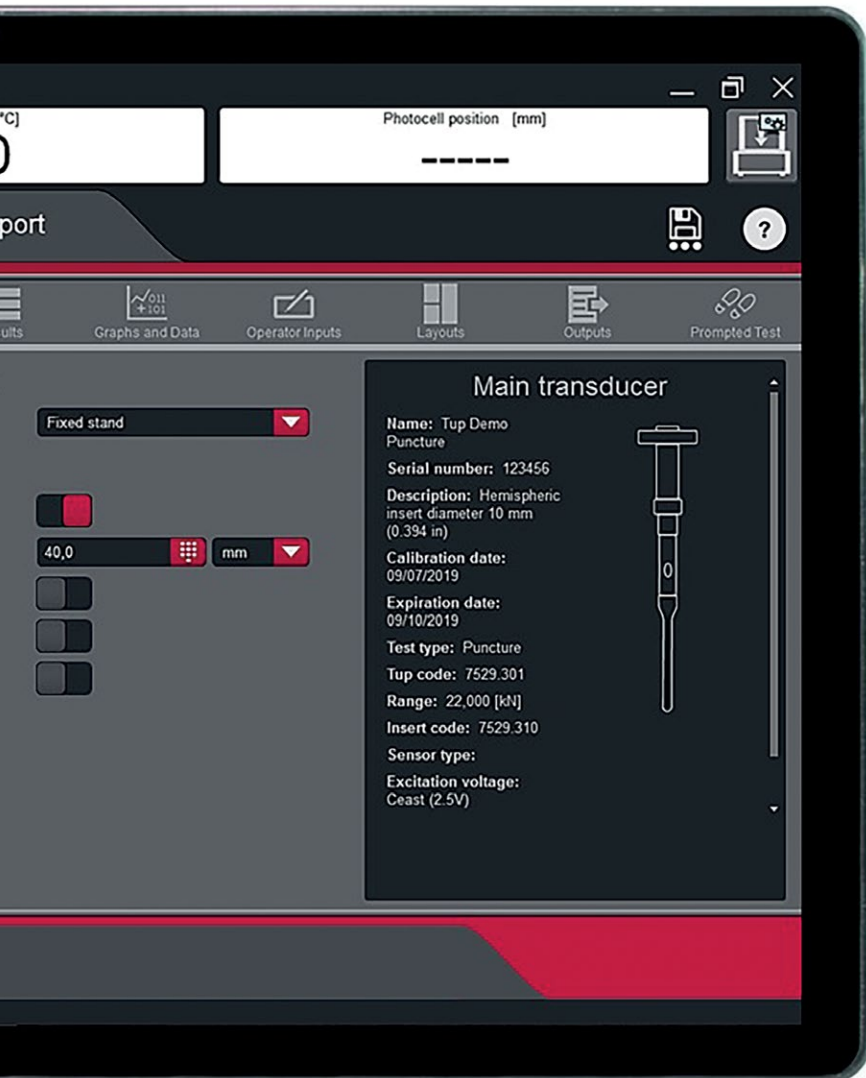
Bluehill Impact provides a set of pre-configured defaults that cover the most common impact testing scenarios.



Quicker Testing

Increased productivity of 20% can be realized thanks to the combination of the new Dashboard with data acquisition system and Bluehill Impact, providing faster data acquisition and results.





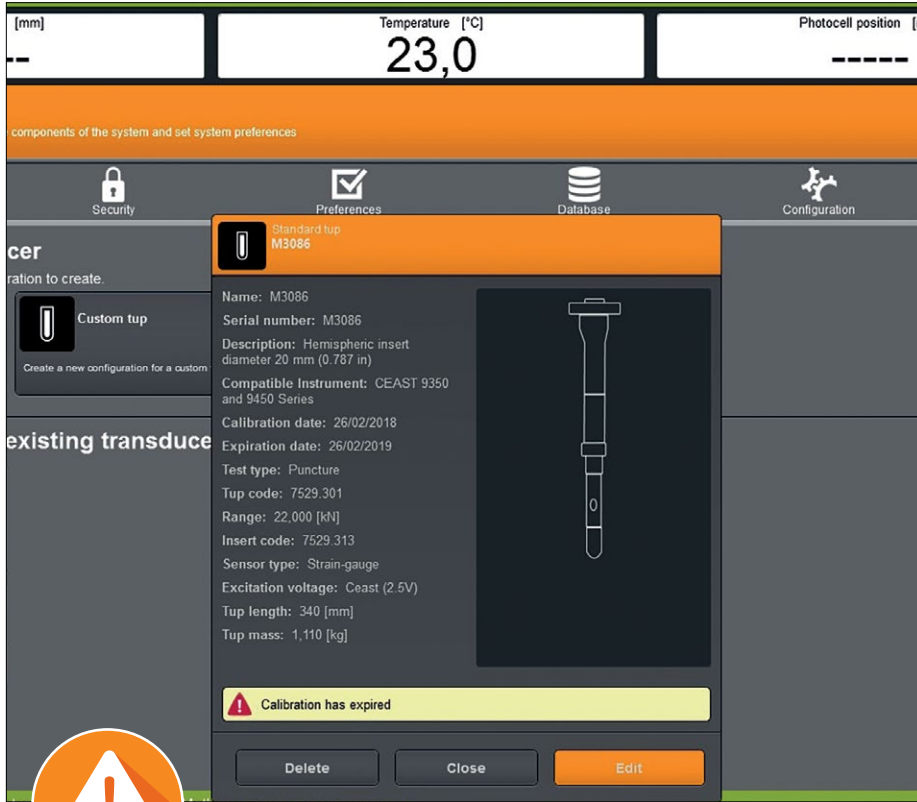
Flexible Data Analysis

Users can define unique data flow and procedures ensuring data processing flexibility. Bluehill Impact reports on anomalies and inconsistent results when they are outside set parameters.



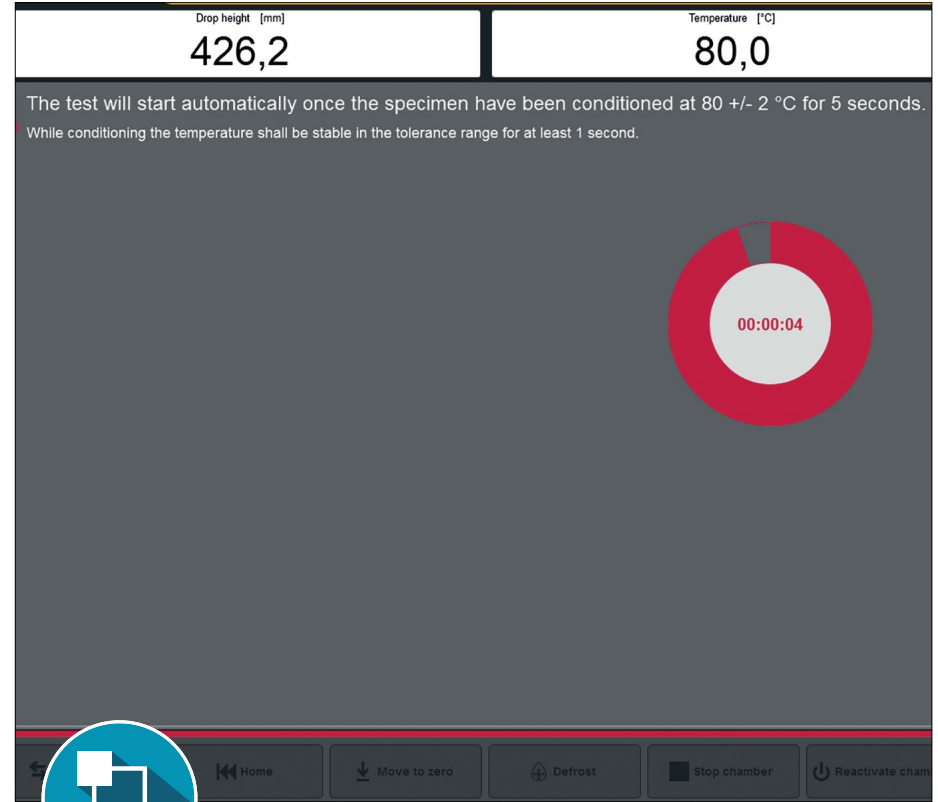
Sharing results/Data management

Easily share test methods and results within your company or direct to your customers with our new file management system.



Calibration Alert

Automatic alerts are generated when Tup calibration period is expiring. This feature helps to reduce the risk of invalid tests and protect your results against inaccuracies.

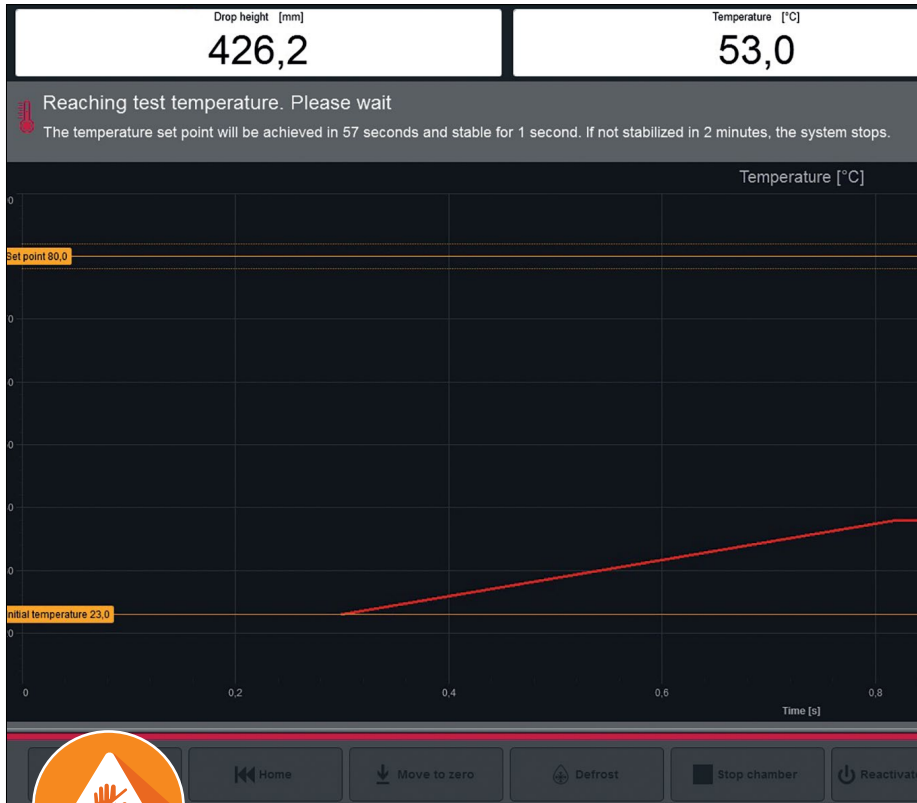


Smart Conditioning Control

Bluehill Impact is able to control temperature stabilization within the thermostatic chamber.

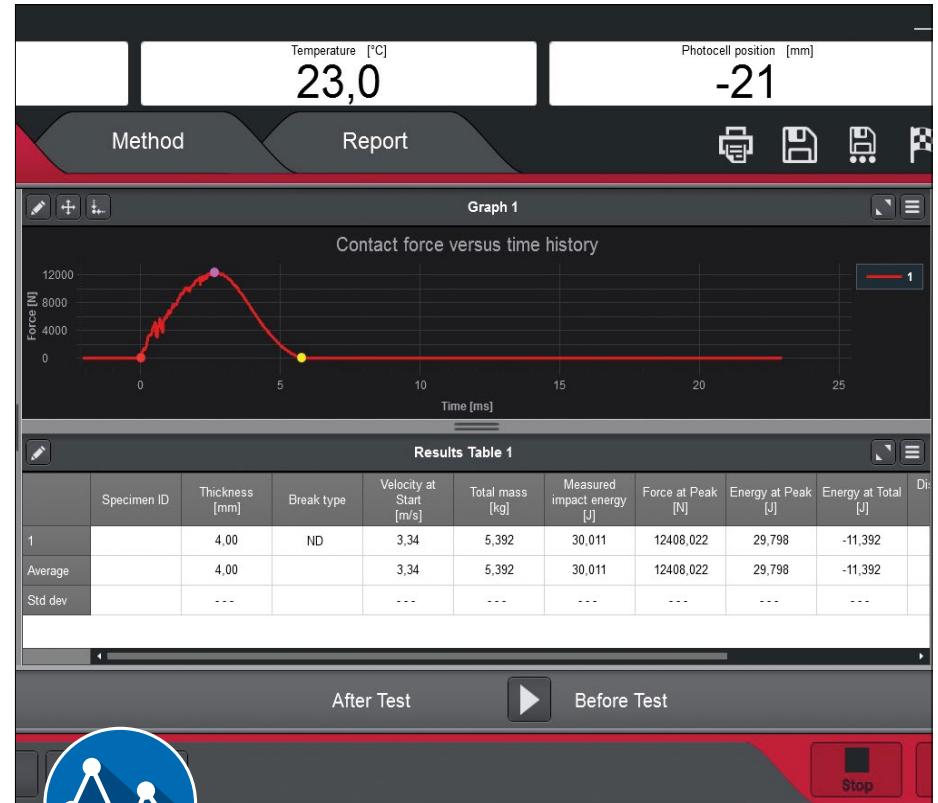
SAFER

Safety without Sacrificing Throughput



Built in safety coaching

The 9400 system is a fully enclosed system to conform with CE regulations. As an additional safety measure, the system gives clear visual information on the instrument status, so users always know when a test is in progress. Bluehill Impact security allows the Lab manager to configure permissions in the software, granting full permissions to super users and limiting access where needed.



Your results Are Always Saved

Never lose your results even if the system experiences an unexpected shutdown.

SUPPORT FOR THE LIFE OF YOUR EQUIPMENT

Protecting Your Investment

Instron® is the largest supplier of materials testing systems in the world. Our reliable testing systems can run 24 hours a day, 7 days a week, 365 days of the year. However, if something does go wrong, or if you have a question, we offer a variety of resources to ensure you receive the assistance you need as soon as you need it.



Training

- Training courses available on-site or in one of our Regional Training Centers
- Utilize our Applications Engineering Lab or Custom Solutions Group for the latest technological advances in materials testing



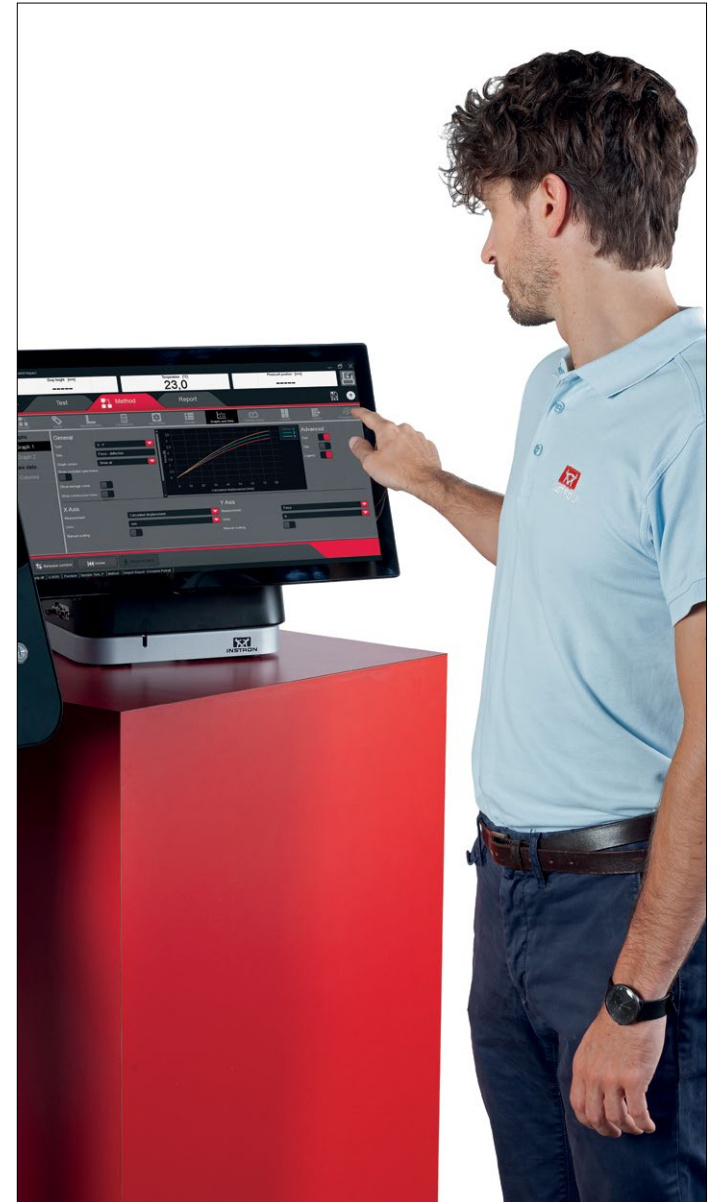
Advanced Support

Our Sales, R&D, and Tech Support teams work together with you from initial enquiry through to delivery, offering full access to demonstration models at our design facilities across the world.



Calibration

Our state-of-the-art Calibration Laboratory offers a comprehensive range of accredited calibration and verification services complying with ASTM, ISO, and Nadcap standards for: force, speed, strain (extensometers), displacement, impact, temperature, torque, creep, strain gauge channel, and alignment.



RETROFIT COMPATIBILITY

Bluehill Impact & Dashboard with Data Acquisition System

The state-of-the-art controller can be retrofitted on all the
9340 with Firmware version later than 1.00



Notes:

These specifications were developed in accordance with Instron's standard procedures and are subject to change without notice.
All systems conform to all relevant European standards and carry a CE mark.

| RETROFIT COMPATIBILITY

Bluehill Impact & Dashboard with Data Acquisition System

The state-of-the-art controller can be retrofitted on all the 9350 Drop Towers with FW version later than 3.00, excluding instruments with automatic feeding option.



Notes:

These specifications were developed in accordance with Instron's standard procedures and are subject to change without notice. All systems conform to all relevant European standards and carry a CE mark.

FAQs

Bluehill Impact



Can I Use a Keyboard?

Although Bluehill Impact is optimized for touch interaction, for those who prefer a Bluetooth enabled keyboard and mouse can be used. Instron does not offer these items but recommendations can be supplied.

Can I Use Gloves?

The Instron-supplied touch monitor has a capacitive touch screen, so rubber and nitrile gloves, and gloves with touch-sensitive finger tips may be used.

You need absolute confidence in your impact testing system - confidence in accurate, reliable, repeatable results, in the system engineering and the manufacturer behind it.

Featuring future-proof high-speed and high throughput capabilities and user-friendly software based on the popular Instron Bluehill platform, Instron Drop Towers give you the confidence you need in your results, time and time again.



At Instron, we maintain our position at the leading edge of impact testing innovation through design and collaboration, both with our customers and leading university and industry researchers. We lead by example, by meeting customer testing needs across any application requirement. Our Sales, R&D and Tech Support teams work together with you from initial enquiry through to delivery, offering full access to demonstration models at our design facilities across the world. We also lead in calibration, with accredited certification available through our dedicated Service teams.



“True innovation occurs when product designers and developers show relentless curiosity towards the needs of their customers. This builds an understanding that allows them to anticipate and create a new suite of solutions that are Simpler, Smarter, and Safer.”

Yahya Gharagozlou

Group President
ITW Test & Measurement
(Instron is an ITW Company)