BLUEHILL® UNIVERSAL OPERATOR DASHBOARD

Testing Software & Hardware

SAVE TIME

IMPROVE ERGONOMICS

ENHANCE CAPABILITY

The Next Generation of Testing Software

Instron® Bluehill Universal is the latest offering of material and component testing software. Built from the ground up for touch interaction, Bluehill Universal offers a new layout and enhanced features, giving users a simpler, cleaner interface for their testing system. The large touchpoints and intuitive touch gestures of Bluehill Universal offer a renewed, yet familiar software environment for all Instron users. Instron's Bluehill Universal Operator Dashboard includes both the hardware and software necessary to get you on the path to simpler testing routines and refreshingly faster workflows.

What can the Bluehill Universal Operator Dashboard do for me?
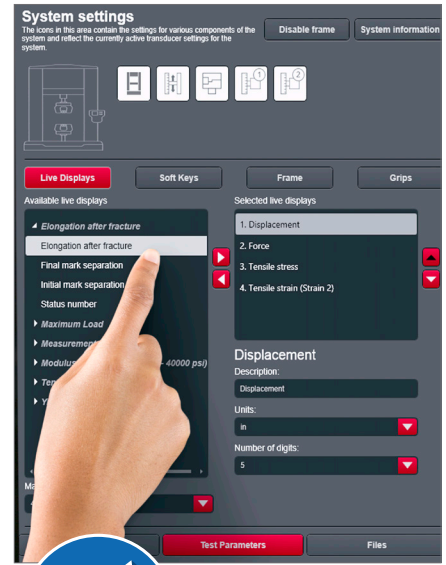

Save Time

Improved touchpoints and gestures of Bluehill Universal help you cut time from a number of testing tasks. Starting new tests, manually entering specimen data, and running batches of material is faster and easier, allowing operators to spend time on more value-added tasks. Building methods and analyzing results is more efficient with new menus and results export options.

Improve Ergonomics

The optional swing-in touchscreen monitor is easy to adjust, and sits close to the testing system, minimizing repetitive motion of the operator. No more reaching for a mouse to perform just a single click! Not only does this provide a more ergonomic work setup, but saves the operator time from needing to go back and forth between a computer and the testing system.

Enhance Capability

Built on the trusted foundation of Instron's existing Bluehill Software, Bluehill Universal's architecture gives you complete control of your test setup, with powerful features you need for running advanced tests. Run simple cyclic waveforms, leverage user-defined calculations and expressions, or replay any existing data with new test routines. All the while, Bluehill Universal's streamlined functionality keeps the workflow simple, uncluttered, and ideal for the new or infrequent user.

What does the Operator Dashboard include?

- Bluehill Universal Software (new copy, update or upgrade)
- 21.5" industrial-grade monitor with cables and connectors, standard VESA 100 mm mounting interface, and optional built-in computer for running Bluehill Universal (computer must be supplied separately if not purchased with Operator Dashboard. See minimum PC specifications for more details).
- Each unit with built-in computer is installed with Windows 11 IoT Enterprise LTSC to run Bluehill Universal
- Instron's Operating System image is configured at the factory to optimize the features and usability of Bluehill Universal. Adjustments to the operating system may be made in order to comply with your organization's IT and security requirements.
- Stationary or adjustable hardware for mounting to your Instron system.
- Compatible with new and existing 3300, 5500, 5500A and 5900, 3400, 6800 Series Systems.

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