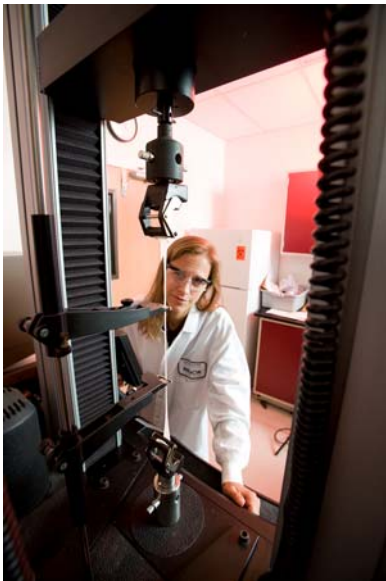




## The New Bluehill Software, More Than Just a Pretty Shade of Blue.

As the packaging industry continues to grow, the need to develop custom Instron test methods for our clients has increased. These requests are driven by R&D/product development, standard development test methods, and custom lot release testing. To ensure that these special requests and routine testing are completed with the most modern equipment available, Nelson Laboratories has recently completed the installation and qualification of the Bluehill software for the Instron model 5565 testing instrument. Bluehill has some exciting features which are designed to reduce errors, increase security, provide greater data reliability and provide a more user friendly operating system.



The Bluehill software has more options and flexibility, which makes creating sponsor-specific methods much more feasible and cost effective. One of the available options is a larger list of pre-programmed calculations. By using these preprogrammed calculations, the validation work is already completed, allowing for faster processing of test samples and reporting the results in a more timely manner. Previously, development of these calculations involved long and costly validation work. In addition, a method description is included on each results printout, identifying exactly what test method was used. The method descriptions can include items such as standard method designation, test description, and the sample types for which the method is intended. These details help ensure the correct test method has been selected and can increase consistency between multiple tests or samples.

With the increased FDA scrutiny on electronic data, Bluehill has password security with individual user passwords. This prevents unauthorized access and protects against altering of the established test methods. The program also contains automated systems and will not allow testing if the daily calibration is not current, ensuring compliance with internal procedures.

Bluehill also has improved its reporting and graphing tools, allowing us to place headers on the graphs with lab numbers, sample IDs, sponsor names, and datapack specific notes. Previously, this information was handwritten if requested. As a result, we can now include graphs as part of the final report, for an additional fee.



Bluehill software for the Instron model 5565 testing machine is currently being used to test samples submitted for seal peel, tear, puncture, condom compatibility testing, and various forms of tensile and compression testing. For more information on Instron package testing or any other package tests, please contact the sales department at 801-290-7502 or email [sales@nelsonlabs.com](mailto:sales@nelsonlabs.com).