

KEYENCE VHX DIGITAL MICROSCOPE



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STI's Analytical Lab has some exciting new technology to share with you. To our already existing arsenal of multiple analytical tools to help you find answers to your failure- and material analysis needs, we have added yet another exciting piece of digital high resolution imaging: the Keyence VHX digital microscope.

depth of field when compared to a typical optical microscope. This allows objects with large variations in surface topography to be focused and accurately observed in a single image. Even at higher magnifications you can obtain a fully-focused image. Our system has a wide range of 20x-2500x magnification.

Images can be generated in either 2D or 3D display. After collection of either a 2D or 3D image, we can perform real-time measurements of distance, angle, radius, areas, etc. and three-dimensional measurements such as profile and volume.

The variable angle option allows observation of a sample from all directions. By adjusting the viewing angle of the camera and lens, no detail is ever missed.

Please let us know if you are in need of some digital microscopy services. The STI Analytical team is available for assistance.



This free-angle observation Keyence high-resolution digital microscope is able to achieve a 20x greater

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