

# High Accuracy Automated Volume Measurement Tool

VISIONx INC.

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## Powerful & Easy To Use

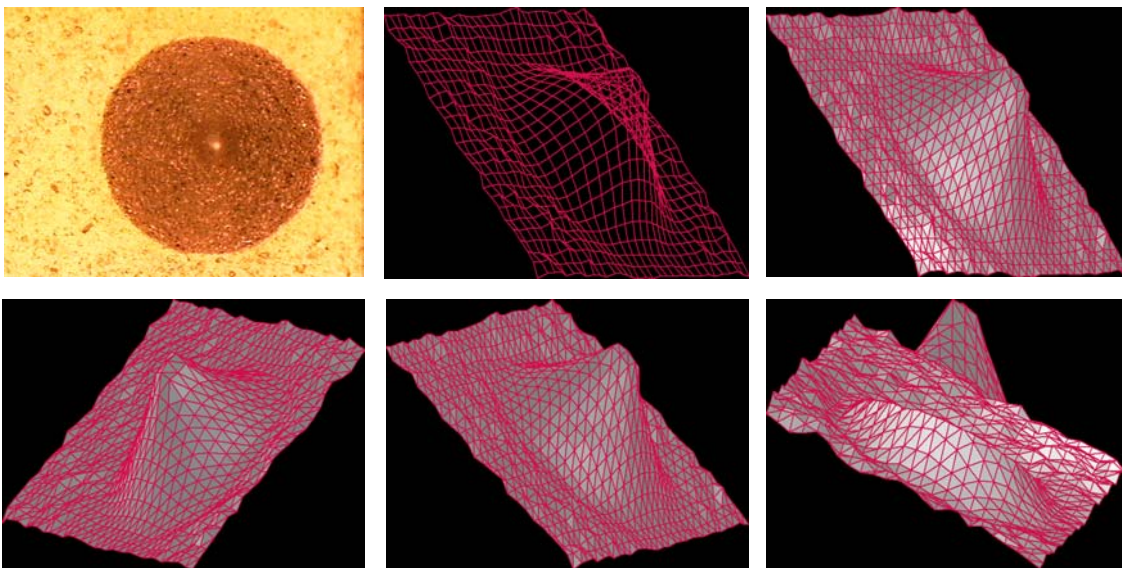
VisionGauge's® fully automated high-accuracy volume measurement tool:

- ▶ □ Is fast and extremely easy to use
- ▶ □ Produces very repeatable measurements
- ▶ □ Yields operator-independent results

Here's how this advanced and innovative tool works: VisionGauge® automatically steps the system's optics through a number of "z slices", capturing images of the sample at every one. VisionGauge® then analyzes these images and determines at which "z" position each pixel in the image is in the best focus. This produces a very fine and detailed height map with very high resolution along all 3 axes.

VisionGauge's® fully automated high-accuracy volume produces:

- ▶ □ A numerical value of the measured volume (you can select different metric or imperial units)
- ▶ □ 3D surface plots (with an adjustable mesh coarseness, with either wire mesh or surface rendering, and either with or without illumination modeling). These 3D surface plots – which can be viewed from any perspective and rotated along all 3 axes – are very useful for properly viewing the sample from all angles and getting a good understanding of it.



The first image is "what the camera sees". The other images are 3D plots of the computed surface

Of course, VisionGauge's® fully automated high accuracy volume measurement tool is perfectly integrated with VisionGauge's® wide range of easy-to-use statistics, data collection, databasing and reporting tools.