Calibrating Wolf & Beck Laser Probes

Wilcox Associates, Inc.
http://www.wilcoxassoc.com

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The OTM3 series are laser scanning probes. There are two methods for calibrating these probe types. These are supported only on machines using a Leitz interface.

Calibrate Laser: Method 1

Qualify a touch-trigger probe on the sphere that you will use to calibrate the laser probe. This also calibrates the location of the sphere so that you can calibrate the laser probe entirely in DCC mode.

Calibrate Laser: Method 2

1. When you are required to take the first manual point, do the following:
2. Moves the probe perpendicular, toward the surface until the green "In Range" light is illuminated on the Wolf & Beck controller and the **Probe Enable** button on the jog box is illuminated in green.
3. Press the jog box's **Probe Enable** button to record the point's location.
4. Move the probe away from the surface.
5. Press the **Continue** button.

Note: Be aware calibration results can look very bad. You may even have negative probe diameters. Also, during calibration, the portion of the calibration tool used is only from >= 65 degrees to 90 degrees.