

## Quick Start Guide

### Sheet 10

### Micrometer Calibration in Total Vu

Before proceeding with this quick start sheet, you should already have completed all previous (lower numbered) quick start sheets. This Quick Start Guide presents the procedure for calibrating a laser micrometer in Total Vu.

**Step 1:** Start Total Vu and enter the *Configure>Full Configuration>Scanners* screen. Double-click on the icon for the scanner to be calibrated. Click on the Calibrate tab to begin the calibration process (See Figure 1).

**Step 2:** If calibrations are shown in the lower portion of the calibration screen, select the one most appropriate calibration range for the product to be measured and then click on the “Make Active” button. Click on the “OK” button to install the selected calibration. If no previous calibrations exist, continue to step 3 (See Figure 1).

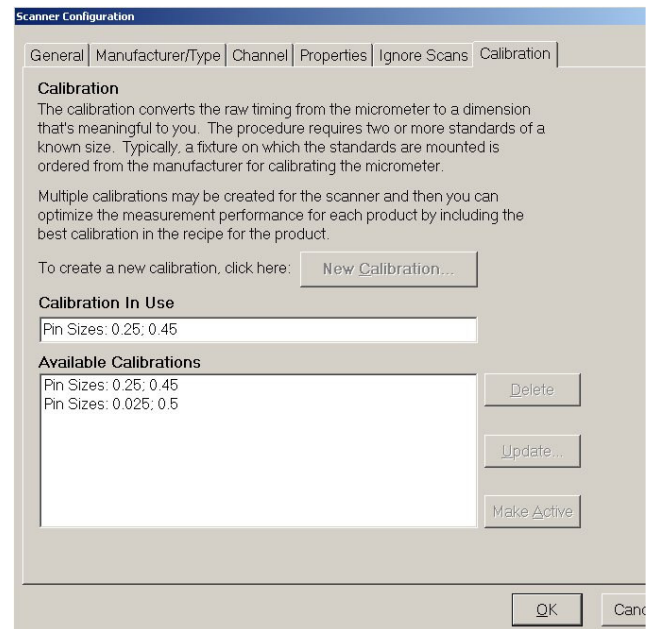


Figure 1. The Total Vu Scanner Calibration Screen

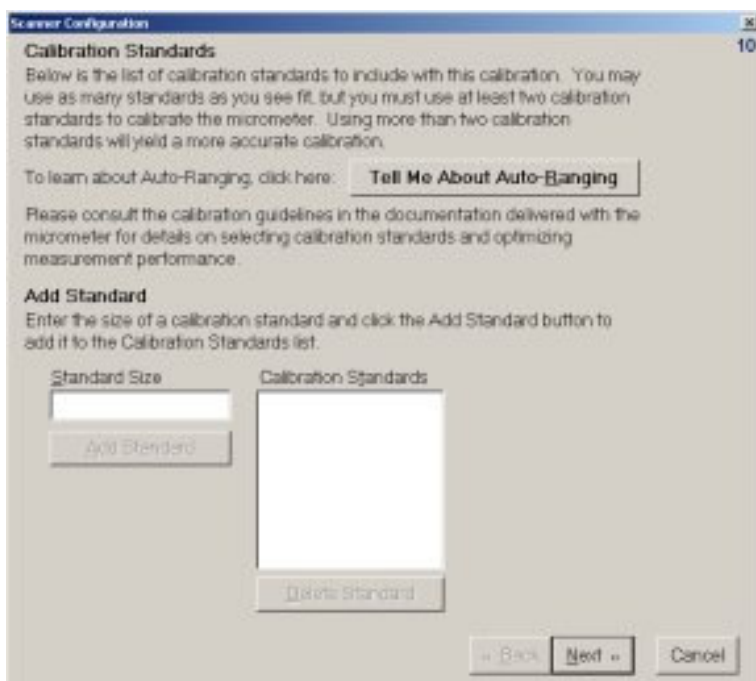
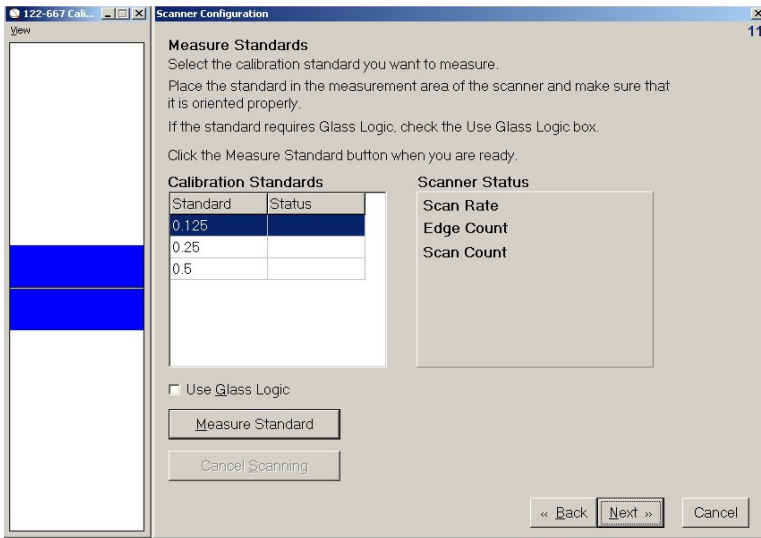


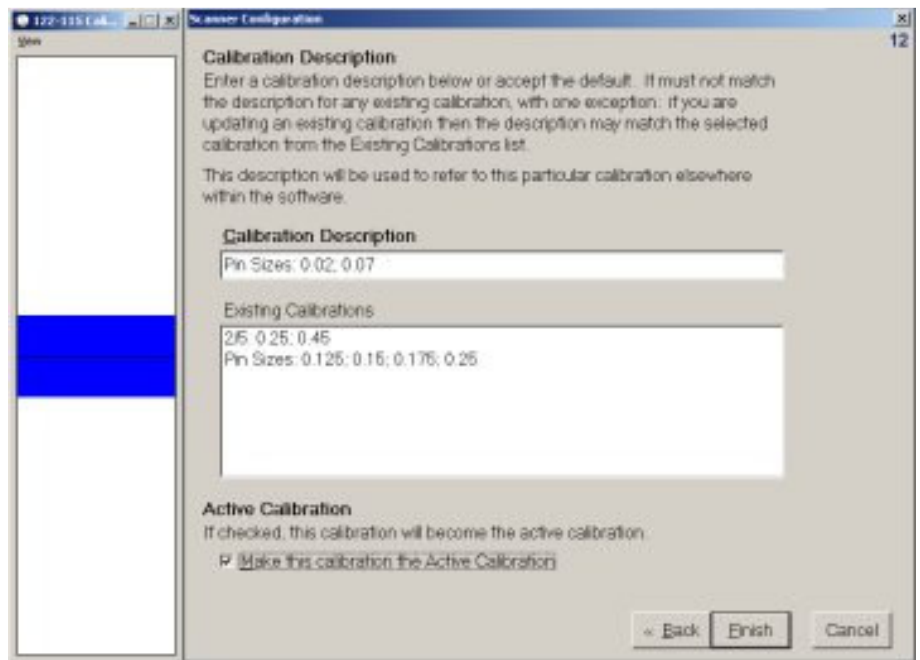
Figure 2. New Calibration Input Screen.

**Step 3:** To create a new calibration, click on the “New Calibration” button (See Figure 1). In the screen that appears (See Figure 2), enter the standard sizes to be used in the calibration, one at a time, into the box marked Standard Size, clicking on the “Add Standard” button after each value is entered. When all of the standards to be used have been entered in the Calibration Standards box, click on the “Next” button to proceed.



Step 4: On this screen, choose each standard by highlighting it and place the matching pin in to the measurement field of the micrometer and click on the “Measure Standard” Button. As each standard is measured, the scan rate, edges detected will be displayed and the number of scans for the standard will be counted and displayed. When the standard has been measured and the results stored by the program. The status window next to the Standard will display the word “Complete”. When all standards have been measured, click the “Next” button.

Figure 3. Calibrating the Gauge



Step 5: On the final screen (See figure 4) of the calibration wizard, a description can be entered for the calibration or the default description can be accepted. To make this calibration active, click on the check box at the bottom of this screen. Click on “Finish” to complete the calibration of the micrometer.

Figure 4. Final Calibration Screen



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