

Achieving optimal accuracy with MicroScribe® MX and MLX models

The MicroScribe® MX or MLX model is factory calibrated using Immersion's Tri-Test Calibration Method. This method comprises three distinct calibration test routines;

Effective Diameter Performance Tests
Single Point Cone Test
Volumetric Length Accuracy Test

For more information about Immersion's Tri-Test Calibration method, please be sure to check <http://www.immersion.com/digitizer/products/tritest.php>

These calibration test methods ensure that the following accuracy specifications are met:

MicroScribe MX	<0.002 in (0.0508 mm)
MicroScribe MLX	<0.003 in (0.0762 mm)

In order to meet or exceed these specifications, it is recommended to allow a minimum of 40 minutes of acclimation time for the instrument. Best and optimal results are observed after 60 minutes of warm up and acclimation time under normal room temperature conditions.

It is good practice to leave the instrument turned on for the above stated time before starting any measurements.

