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**LMI** ®
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Research, Development and Manufacturing of Precision Measuring Systems

# Quick Start Guide to LMI 200W Calibration

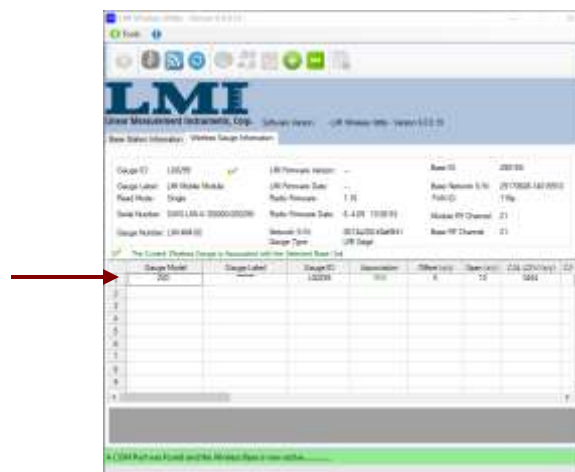For a video demonstration, please click here**.**

**Launching the Software**

To start the LMI Wireless Utility, plug the MicroRidge USB base into an available USB port on the device and select the Desktop Icon or select the program name from the listed program files under the Start Menu.



**Entering Setup Mode**

- To put the gage in setup mode, press and hold the in/mm button on the upper right corner of the gage for about four seconds until the green LED begins to flash.

- After the gage is in setup mode, press and release the blue button quickly to bring up the Wireless Gage Information window. The yellow light on the USB Base will indicate if a command was received

- Once the gage has populated the information grid, double click on the row number to enter the calibration screen.

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**Calibrating 200W**

To Master an LMI Wireless Gauge Device, you will follow a basic 3 Point Mastering process for the 200 Probe Series:

- **LO Position**
- **HI Position**
- **Master Position**

To begin the calibration process, click the CAL LO button shown screen displayed below.
   -  Notice the *Update* button will be disabled at this point in the master process.

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**Calibrate the LO Position:**  Place the Gauge in LO position and press the *Sample* button
Wireless Probe:  Fully extend the plunger

CAL LO → [probe image] → SAMPLE

**Calibrate the HI Position:**  Place the Gauge in the HI position and press the *Sample* button.
Wireless Probe:  Fully retract the plunger
Wireless Seal Gap:  Fully extend the tip

CAL HI → [probe image] → SAMPLE

**Calibrate The Master Position**:  Place the Gauge in the Master position and press the *Sample* button.
Wireless Probe:  Place into an SM31 Master Block

CAL Master → [master image] → SAMPLE

*If there are any issues during Calibration, the Wireless Utility will revert to Cal LO (Starting Calibration Position) and the Calibration steps will need to be performed again.*

Once calibration is complete, press the red X in the upper right-hand corner to save the calibration and close out the Edit Gages window.