

Research, Development and Manufacturing of Precision Measuring Systems

Quick Start Guide to LMI 241W

For a video demonstration, please click [here](#).

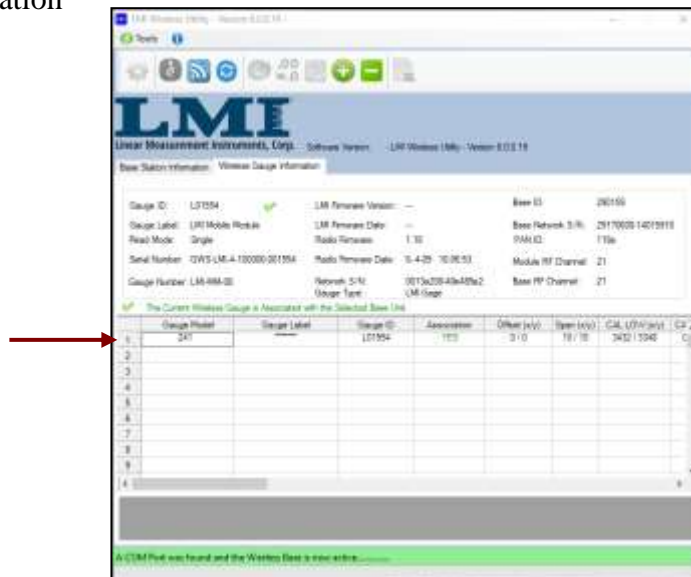
Launching the Software

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 blue button on the top 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 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 had populated the information grid, double click on the row number to enter the calibration screen.



Calibrating Wireless 241

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.

LMI Wireless Utility - Edit Gauges

Gauge ID: L01554

LMI 241 Series Gauge

Probe Configurations

Gauge Model: 241

Gauge Label: *****

Gauge ID: L01554

Offset Flush: 0

Offset Gap: 0

Span Flush: 10

Span Gap: 10

Time Out (min): 5 in Minutes

Units (mm/inches)
Units (mm/inches): Set to (MM)
 Set to (Inches)

Audio (On/ Off)
Audio (ON/OFF): Audio (ON)
 Audio (OFF)

Invert Sign Flush Axis (+/-)
Invert Sign (+ / -): (+) Sign
 (-) Sign

Invert Sign Gap Axis (+/-)
Invert Sign (+ / -): (+) Sign
 (-) Sign

Update

Flush Probe Master
 CAL LOW
 CAL HIGH
 CAL Master

Gap Probe Master
 CAL LOW
 CAL HIGH
 CAL Master

Testing Window
Flush
0.00
Gap
0.00

Gauge Battery Level
75%

Flush/Gap Probe Feature
 Zero Master

SAMPLE

Messages:

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Calibrate the LO Position: Place the Gauge in LO position and press the *Sample* button



Fully extended both the Flush and Gap

Calibrate the HI Position: Place the Gauge in the HI position and press the *Sample* button.

Wireless Seal Gap: Fully extend the tip



Fully retract both the Flush and Gap

Calibrate The Master Position: Place the Gauge in the Master position of the block and press the *Sample* button.



If there are any issues during Calibration, the Wireless Utility will revert back 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.