

**L**INEAR **M**EASUREMENT **I**NSTRUMENTS, Corp.

Research, Development and Manufacturing of Precision Measuring Systems

**CALIBRATION/MASTERING INSTRUCTIONS FOR LMI 585 TO INTERFACE WITH  
LMI 200/241/300/700 SERIES GAGES**

**LMI 200 SERIES**

1. Press <<Up Arrow>> to “Cal”
2. Press <<Right Arrow>> to “Port 1P”
3. Press <<Right Arrow>> to “Low Cal”
4. Place the transducer in the lowest step of the LMI 210 Master block. Press <<Select>>
5. Place the transducer in the tallest step the LMI 210 Master block. Press <<Select>>
6. Place the transducer in the middle step of the LMI 210 Master block. Press <<Select>>
7. Press <<Send>> to view readings
8. Press <<Left Arrow>> as necessary to display desired gage.

**LMI 300/700 SERIES**

1. Press <<Up Arrow>> to “Cal”
2. Press <<Right Arrow>> to “Port 1P”
3. Press <<Down Arrow>> to “Port 1F”
4. Press <<Right Arrow>> to “Low Cal”
5. Fully retract the Transducer. Press <<Select>>
6. Fully extend the Transducer. Press <<Select>>
7. Place the Transducer in the Flush Master Position. Press <<Select>>
8. Place the Transducer in the Gap Master Position. Press <<Select>>
9. To adjust the Gap Master to read actual gap, use arrow keys. Press <<Select>>
10. Press <<Send>> to view readings
11. Press <<Left Arrow>> as necessary to display desired gage.

**LMI 241 SERIES**

**FOR FLUSH:**

1. Press << Up Arrow>> to “Cal”
2. Press <<Right Arrow>> to “Port 1P”
3. Press <<Down Arrow>> to “Port 2F”
4. Press <<Right Arrow>> to “Low Cal”
5. Fully retract the Flush Tip. Press <<Select>>
6. Fully extend the Flush Tip. Press <<Select>>
7. Place the Transducer in the Flush Master Position. Press <<Select>>

**FOR GAP:**

8. Press <<Down Arrow>> to “Port 2G”
9. Press <<Right Arrow>> to “Low Cal”
10. Fully retract the Gap Pin. Press <<Select>>
11. Fully extend the Gap Pin. Press <<Select>>
12. Place the Transducer in the Gap Master Position. Press <<Select>>
13. To adjust the Gap Master to read actual gap, use arrow keys. Press <<Select>>
14. Press <<Send>> to view readings.
15. Press <<Left Arrow>> as necessary to display desired gage.