



LINEAR **M**EASUREMENT **I**NSTRUMENTS, Corp.

Research, Development and Manufacturing of Precision Measuring Systems

**CALIBRATION/ MASTERING INSTRUCTIONS FOR LMI 5200 TO INTERFACE WITH
DATAMYTE 501**

REQUIRED EQUIPMENT DATAMYTE: DataMyte 501

REQUIRED EQUIPMENT FROM LMI: LMI 5200 Transducer
LMI 6009 4 pin - 4 pin cable

1. Connect the transducer to Gage Port 4 of the data collector.
2. Turn on the data collector.
3. Move the cursor to "Gage" and press "Enter".
4. From the list displayed, use the arrow keys on the data collector to choose which gage designation to configure, (i.e., G4, G4A) and press "Enter".
5. Type the unique gage name, (i.e.: LMI5200) and press "Enter".
6. Move the cursor to "Configure" and set up as follows:
 - Type: Read at Enter
 - Master Type: Three point
 - Scale: 10
 - Zero Master: 0
 - Zero at Enter: No
7. Press the right ► arrow key. The "Save Gage Configuration" window will pop-up. Select "Save to Current Gages" and press "Enter".
8. Move the cursor to 'Master'.
9. Fully retract the transducer probe, select 'Master Lo', and press "Enter".
10. Fully extend the transducer probe, select "Master Hi", and press "Enter".
11. Fully retract the transducer probe, Select "Master Zero" and press "Enter". *
12. The Calibration/ Mastering is now complete.

NOTE:

* This configuration will produce a positive reading when the LMI 5200 is extended beyond the nominal zero.