Calibration Instructions for the Gage Talker III+ with the LMI 241

The following steps will prepare the Gage Talker III+ for calibration

1. Press Menu to turn on the Gage Talker III+
2. Press the <-> (minus) button
3. Press the ↓ button until "Zero Gage Table" is highlighted and press <Enter>.
4. Insert the Flashcard with the required part and gage setup into the Gage Talker III+
5. Press the ↓ button until "Reconfigure" is highlighted and press <Enter>
6. Press the ↓ button until "Yes" is highlighted and press <Enter>
7. Press the ↓ button until "Flash" is highlighted and press <Enter>
8. Press the ↓ button until the pre-configured part file is highlighted and press <Enter>
9. Press <Menu> to return to the "Main Menu"
10. Press "7" to enter the part file
11. Press the ↓ button until "Calibrate/Test" is highlighted and press <Enter>

The following steps will calibrate and zero the LMI 241

Flush Calibration and Zero Process*
1. Select the proper input for flush
2. Press the ↓ button until "Calibrate" is highlighted and press <Enter>
3. "Apply 0.0" and an A/D value appears at the top of the screen
4. Fully extend the flush tip on the LMI 241 and press <Enter> on the Gage Talker III+
5. If the prompt ">10% change" appears at the top of the screen press <Enter>.
6. "Apply 10.00" and an "engineering unit" will appear at the top of the screen
7. Fully retract the flush tip on the LMI 241 and press <Enter> on the Gage Talker III+
8. If the prompt ">10% change" appears at the top of the screen press <Enter>.
9. Press the ↑ button until "Zero gage" is highlighted and press<Enter>
10. "Apply 0.0" and an A/D value appears at the top of the screen
11. Place the LMI 241 in the flush master position on the master block and press<Enter> on the Gage Talker III+
12. If the prompt ">10% change" appears at the top of the screen press <Enter>
13. Flush calibration and zero is complete

Gap Calibration and Zero Process*
1. Select the proper input for gap
2. Press the ↓ button until "Calibrate" is highlighted and press <Enter>
3. "Apply 0.0" and an A/D value appears at the top of the screen
4. Fully extend the gap finger on the LMI 241 and press <Enter> on the Gage Talker III+
5. If the prompt ">10% change" appears at the top of the screen press <Enter>.
6. "Apply 10.00" and an "engineering unit" will appear at the top of the screen
7. Fully retract the gap finger on the LMI 241 and press <Enter> on the Gage Talker III+
8. If the prompt ">10% change" appears at the top of the screen press <Enter>.
9. Press the   button until "Zero gage" is highlighted and press<Enter>
10. "Apply 0.0" and an A/D value appears at the top of the screen
11. Place the LMI 241 in the gap master position on the master block and press<Enter> on the Gage Talker III+
12. If the prompt ">10% change" appears at the top of the screen press <Enter>
13. Gap calibration and zero is complete

*Note: These instructions will produce a negative reading when extended beyond the nominal position. To change the sign, reverse steps 4 and 7 for Flush and Gap.