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LINEAR MEASUREMENT INSTRUMENTS, Corp.

Research, Development and Manufacturing of Precision Measuring Systems

GAGE SETUP AND CALIBRATION INSTRUCTIONS FOR THE LMI 200-SB WITH THE GAGETALKER "ZIPPER" FOR DECKLID AND DOORSEAL CHECKS

REQUIRED EQUIPMENT FROM GAGETALKER: Gagetalker "Zipper"

"Zipper" Docking Station set up to a computer

Zipper PC Tools (software)

REQUIRED EQUIPMENT FROM LMI: LMI 200-S or SB

LMI 210 master block

LMI 6009 4 pin to 4 pin cable

GAGE SETUP:

1. From the program "Zipper Administration", verify setup as follows for a LMI 200 series probe

2. Select the "Gages" tab.

3. In Gages, select the "Gage Model" tab.

4. Configure the "Gage Model" screen as follows:

➤ Gage Model Name: 200 Probe (L1)

➤ Gage Type: LMI/Torque

Calibration Method: 200: Min; Max; Zero

Zero Check Method: 200: Zero check

➤ Zero Check (Flush): 0 Secondary (Gap) Zero: 0

➤ Min: 0

Max: 10 Linear Range: 10

5. Click on the disk icon button to save this configuration to be used for part file setups.

6. Select the "LMI\Torque Extensions" tab, press the "+" button and configure as follows:*

Gage Model Name: 200 Probe (L1)

Extension Name: (anything to identify this configuration, suggest "Standard" or "Nor")

Mode: Force Starting Threshold: 0 Stopping Threshold: 0

Direction: Forward Speed: 125 Hz Time Filter: 0

Offset: Primary (Flush)

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- 7. Click on the disk icon button to save this configuration to be used for part file setups.
- 8. At this point the gage is set up and a part file needs to be created and sent to the Zipper. See page 47 of the "Zipper PC Tools" manual for further details on part files.
- 9. After the part file is sent to the Zipper remove the Zipper from the docking station, "press any key to start".
- 10. Select the desired part file for collecting data.
- 11. Connect the LMI 200-SB to port "LMI 1" using the LMI 6009.
- 12. "Select a Gage" will appear for L1. Press ♠ or ▼ to select "L1:200 Probe (L1)" and press <Enter>.
- 13. "<Enter> to Calibrate" will appear. Press ♠ or ▼ to select "L1=200 Probe (L1)" and press <Enter>.
- 14. Place the LMI 200-SB into the tall or "Lo" step of the LMI 210 Master block and press <Enter>.
- 15. Place the LMI 200-SB into the short or "Hi" step of the LMI 210 Master block and press <Enter>.
- 16. Place the LMI 200-SB into the tall or "Lo" step of the LMI 210 Master block and press <Enter>.
- 17. Calibration is complete.

*To change the polarity of the gage readings, select a new name for the extension and change the "Direction" to "Reverse".