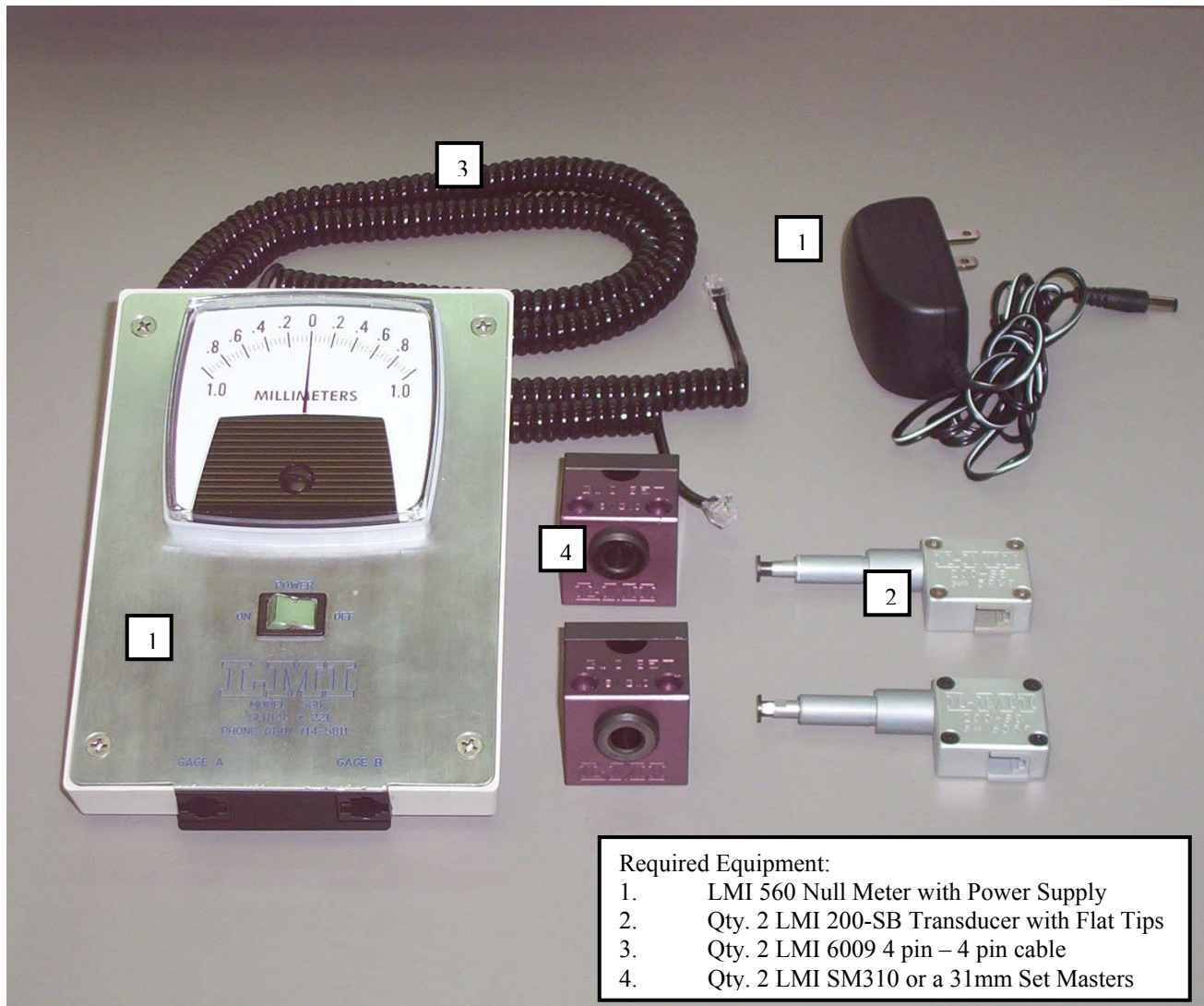


Interface & Calibration Instructions LMI 200-SB Probes to LMI 560 Null Meter



Required Equipment:

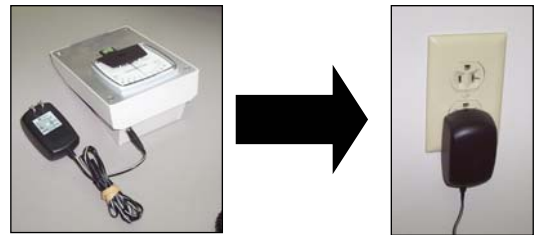
1. LMI 560 Null Meter with Power Supply
2. Qty. 2 LMI 200-SB Transducer with Flat Tips
3. Qty. 2 LMI 6009 4 pin – 4 pin cable
4. Qty. 2 LMI SM310 or a 31mm Set Masters

This instruction will outline setup and calibration of the 560 Null Meter and (2) 200-SB Probes.

1. Verify that both LMI 200-SB Probes have the flat tip installed.



2. Connect the power supply to the power jack on the LMI 560 and a 110 volt power source.



3. Connect one LMI 6009 Cable to one LMI 200-SB; connect the other end of the LMI 6009 to the port labeled "GAGE A" on the LMI 560.



4. Connect the other LMI 6009 Cable to the second LMI 200-SB; connect the other end of the LMI 6009 to the port labeled "GAGE B" on the LMI 560.



5. Turn the power switch on the LMI 560 to "ON".



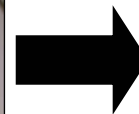
6. Insert each LMI 200-SB Probes into the LMI SM310 or certified a 31.0mm Master. Use a rubber band to secure the LMI 200-SB Probes in a fully shouldered position, as shown.



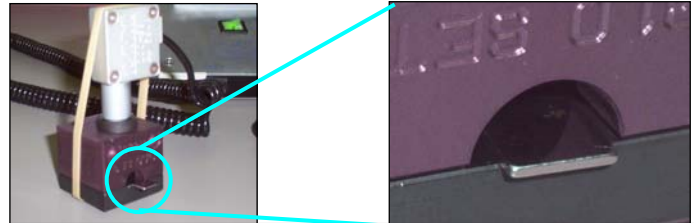
7. Verify the needle on the 560 is set to "0". If the needle is set to "0", skip to step 9.



8. If the needle is not set to "0" use a small flat head screwdriver and adjust the "zero" setting on the LMI 560 until the needle is set on "0"

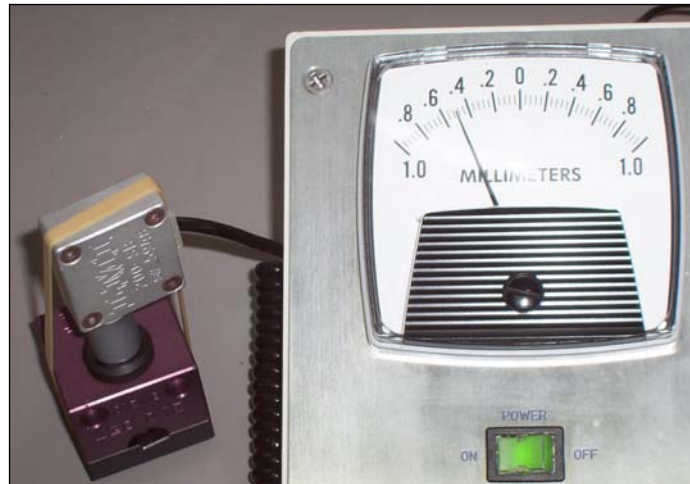


9. Verify the LMI 560 is calibrated by setting a 1mm gage block under the tip of the LMI 200-SB attached to “Gage A” on the LMI 560.

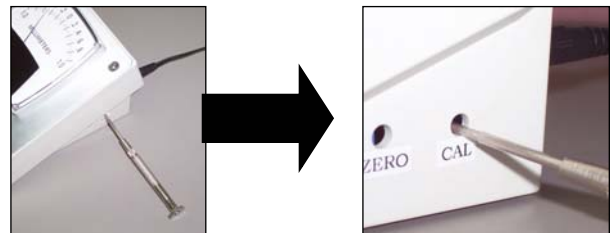


1mm gage block set in between the base of the set master and the tip of the 200-SB

10. If the 560 reads .5mm to the left of zero the system is calibrated. If the 560 does not read .5mm continue to step 11



11. Use a small flat head screwdriver and adjust the “cal” setting on the LMI 560 until the needle is set on “.5”.



Calibration Complete