

BUMP TESTING LEAKSURVEYOR



The objective of a Bump Test is to challenge the machine on a daily basis so you can see that it reads a gas presence and it alarms appropriately (either an audible alarm or a flashing light or both) when the gas is present. Bump testing also confirms that after gas is removed the machine returns to 0.0%LEL.

TO BUMP TEST YOUR GMI

- Start your GMI running
- Check that the battery is full
- Check the calibration due date has not passed
- Wait until the GMI unit settles on 0.0%LEL

Your GMI is now ready for the Bump Test

- Check the gas bottle contents are the correct mixture

2.5% CH₄ (50%LEL) Balance of Air

- Check the contents are in date (the gas mix will generally last for 2 years)
- Check the bottle has gas in it (enough gas to last the entire Bump Test)
- Attach the regulator and hose to the Bump Test Gas bottle and turn on

You are now ready to start the Bump Test

- Attach hose from gas bottle to GMI
- Wait for the GMI to settle
- Take the reading
- Turn the gas bottle off and remove the hose from the GMI
- Wait for the GMI to settle
- Make sure that the GMI returns to 0.0%LEL

Note:

If the GMI test result is below 45%LEL or above 55%LEL when testing with a 2.5% CH₄ (50%LEL) mix then the GMI unit is out of calibration and must be returned for recalibration.



Heath Pipeline Services is the exclusive distributor and authorised service agent for GMI products within Australia for Gas Supply & Distribution and Pipeline Distribution & Transmission Industries.

Contact Heath Pipeline Services for GMI rentals, sales, calibrations and machine service.