



Maxim Quick Start Guide

MGD-2002 Helium Detector

The MGD-2002 uses helium as a trace gas to detect leaks in pressurized systems and commonly used in soil and sub-slab vapour programs.



Normal Operation:

- Connect the needle probe to the moisture cartridge handle.



- Ensure a fresh moisture cartridge is installed inside the cartridge handle (the colour of the silica gel should be blue)



Spent Cartridge Fresh Cartridge

- Connect the black cable from the cartridge handle to the top of the MGD-2002.
- Press the power button to turn the unit on, the instrument will start-up after a 30 second self-test and will display helium concentrations.

Calibration

- The MGD-2002 does not require user calibration, the unit's are tested with a known helium concentration prior to rental. A calibration report is provided with your rental.

Tips on use:

- Do not draw or suck water into the detector, this will result in instrument failure and damages.
- Use precaution when operating in the rain or snow, the detector is water resistant and not water proof.
- The internal battery is rated for 6 to 8 hours of continuous use. It is highly recommended to put the unit on charge over-night.
- To ensure accurate reading the moisture cartridge should be blue in colour. Spent cartridges will allow moisture into the instrument and interfere with the accuracy of measurements. Your Maxim rental will include an extra filter.
- When replacing the moisture cartridge, ensure the replacement is firmly installed in the cartridge handle.



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