Maxim Quick Start Guide

RKI GX-6000
(PID)

The RKI GX-6000 is a PID designed to screen air for total VOCs in the ppm or ppb range.

Normal Operation:
Press and hold the "Power" button, allow the instrument to warm-up for approx. 10 minutes.

Fresh Air Calibration
Move to a clean air location, attach the zero filter to the end of the inlet. Press and hold "Air" button, release when prompted, values should be approx. zero.

Enable Data-Logging:
With the instrument powered off.
Press and hold the "Air" and "Shift" Buttons", while holding press the "Power" button, when unit beeps let go of all three buttons. Select "Maintenance" and enter the password as "0006"
Scroll down and select "Log Setting", next "Log Interval"
Enter preferred log interval, select enter and then escape
On the next screen, scroll and select "Start Measure", this enters the unit back into normal mode.
Please note the instrument will data-log automatically when powered on based on your defined interval.
** Please note that the USB-Infrared cable is required for data downloading to PC software**

Perform Calibrations

To perform a calibration you will need the calibration gases (10 ppm Isobutylene for ppb mode, 100 ppm Isobutylene for ppm mode), a demand flow regulator and some tubing.

- While in normal operation, press and hold the "shift" button, then press the "display" button, this enters the unit in the calibration mode.
- From the calibration mode menu select "Single Calibration", next select the "VOC" sensor channel and then select "Isobutylene"
- Connect the gas cylinder via the tubing to the inlet of the instrument, "**apply gas**" will flash on the screen.
- Ensure the value on the screen matches the cylinder concentration, hold ▲ & ▼ to adjust values and press "Enter" button.
- Allow the instrument to draw gas for one minute.
- Press the "Enter" button to accept the calibration.
- When calibration is completed, select "Escape" from the calibration menu and then select "normal mode"

Tips on use:

- Please place the instrument on charge overnight.
- When operating in cold temperatures, remember to allow the instrument more time to warm-up.
- Do not allow the instrument to suck in water or soil as this can lead to internal damages.

Scan QR Code to access the PDF manual and other resources.

Need Support? 1-888-285-2324