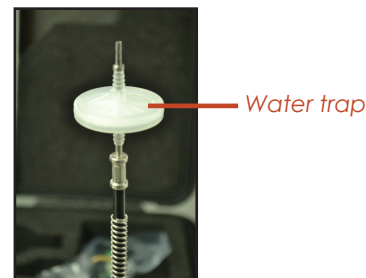
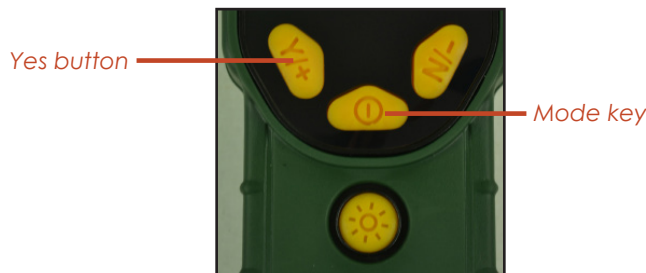


QUICK START GUIDE: MiniRae Lite



This guide is meant to serve as a quick reference for operating the MiniRae lite PID. It is for your convenience and is not intended to replace the information found in the Operations Manual provided.

Set Up

1. Attach water trap filter to the inlet probe, this protects the unit against dirt, dust and moisture intrusion.
WARNING: DO NOT USE without water trap as this can cause significant damage to the instrument.
2. Turn unit on by pressing the MODE key for one second the unit will go through a self test process.

When you see ready start sampling press yes to begin warm up - leave the unit for 15 minutes to ensure it is fully warmed up. The warm up process should take place in the environment you wish to sample in.

****Please note that the Isobutylene gas is primarily provided for bump tests - If you want to calibrate in the field we recommend that you call us first.**

Calibration

1. With meter 'on' press the N/- and Mode keys simultaneously until the "password" appears. Press 'enter' (Mode button)
2. Zero calibration and Span calibration are shown, select the calibration you require using the N/- button, press select (y/+) to select this option.

Zero calibration:

- Select zero by pressing the Y button, this must be done in a "clean" air environment
- Apply zero gas will appear - select yes to start calibration
- The calibration will take 30 seconds which will count down on the display
- A calibration reading will be shown - which should be zero or $\pm 10\%$

Span calibration:

- Select span by pressing the Y button, confirm the gas displayed is Isobutylene
- Connect gas regulator to Isobutylene gas bottle
- Turn gas on - apply gas to nozzle
- The calibration will take 30 seconds which will count down on the display
- Disconnect gas and turn off regulator once the PID returns to Cal screen
- Exit calibration screen by pressing mode button.

Taking measurements:

- Please ensure the water trap is attached to the nozzle on the unit
- The unit is now sampling
- To stop taking measurements and turn the PID off, press and hold MODE key during the 5 seconds countdown.

Scan to download the video

