

QUICK START GUIDE: MiniRae 2000 PID

This guide is meant to serve as a quick reference for operating the MiniRae 2000 PID. It is for your convenience and is not intended to replace the information found in the Hand Book provided.

Operation

1. Attach water trap filter to inlet probe attached to meter to remove humidity from sample stream.
WARNING: Using without water trap will allow contamination of sensor/lamp & will 'spike' readings.
2. Press MODE key for one second to turn on meter. After meter scrolls through diagnostics, a "READY" message will be displayed.
3. To start taking measurements press Y/+ key & begin recording readings.
4. To stop taking measurements between samples press MODE key once until display reads "Stop". Press Y/+ key & unit will return to "Ready" display. Repeat step 3 for next measurement.
5. To turn PID off press & hold MODE key for 5 seconds.

Calibration

1. With meter in 'Ready' mode press N/- key & MODE key simultaneously until "Calibrate/select gas?" appears.
2. Press Y/+ key, display shows "Fresh air cal?". Attach carbon filter included (optional), press Y/+ again, display should read "zero in progress". Wait 15 seconds. When unit is "reading 0.0" (or within range), press Y/+ again to accept. Remove carbon filter if used.
3. "Span Cal?" appears. Attach gas regulator to isobutylene gas & press Y/+ key. Display will now read "Apply gas now". Turn on gas & attach to inlet. Wait 30 seconds, as meter will direct. "Cal'ed reading = ..." & if it is close to span gas value press Y/+ to accept.
4. Press MODE key twice, unit will return to 'Ready' mode, Calibration is complete. Begin taking measurements.

Wet Conditions

If using a MiniRAE 2000 in wet conditions there is likely to be an increased risk of moisture getting to the lamp & causing problem readings. Included in this rental is a pack of 10 chalk moisture filters & an adaptor for end of flexi probe. These filters will help accurate readings to be taken in wet conditions. These filters will only be charged for if they are used & cost £4 each. Please see technical note included in the case for more information. If you require more filters please call Van Walt on 01428 661660.

