

Quick Reference Guide For Model Gas Tracer

Note: Turn on and adjust the Gas Tracer gas monitor in a known fresh air area.

1. Turning the Gas Tracer ON

Note: This start up sequence assumes the following maintenance mode items are turned on: LNCH BRK, ID DISP, CL RMNDR, BP RMNDR set to CONFIRM.

- a. Attach the rubber nozzle or sample hose to the Gas Tracer's quick connect inlet fitting.
- b. If a hose is used, attach probe to hose.
- c. To turn on the Gas Tracer, press and briefly hold the POWER ENTER button until you hear a beep. The Normal Mode Select Screen will display. Use the AIR or SHIFT button to scroll to the desired operational mode screen (normal, leak check or bar hole, if equipped) and press and release POWER ENTER.
- d. The Gas Tracer will begin its warm up sequence. The following screens may appear during the warm up sequence:

CAL TIME REMAINING (factory set to appear)

- If the instrument is overdue for calibration, the Gas Tracer displays CAL. Press the RESET SILENCE button to continue.
- Calibration should be performed as soon as possible.

BUMP TIME REMAINING (does not appear with factory setting)

- If the instrument is overdue for bump testing, the Gas Tracer displays "tEst B--Limit". Press the RESET SILENCE button to continue.
- A bump test should be performed as soon as possible.

SENSOR FAILURE

- If the Gas Tracer experiences a sensor failure during start up, the LCD will display FAIL and indicate which sensor(s) failed. To continue operation press and release RESET SILENCE to acknowledge the failure. Gas readings for that sensor will be replaced by "--".
- It is necessary to replace the sensor and recalibrate before the Gas Tracer is used.

2. Measuring Mode Screen

- a. After warm up the Gas Tracer will display the following: CH4 0%LEL, OXY 20.9%, CO 0ppm (some readings may not appear if sensors are not installed).
- b. If the readings are not displaying fresh air values as above,

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you must perform a Fresh Air Adjustment.

- c. If leak check or bar hole mode is selected in step 1c, a different screen will appear! Leak check - shows ppm CH₄ only. Bar hole - shows %LEL CH₄ and O₂ only.

Note: See operator's manual for detailed information regarding leak check and bar hole modes.

3. Performing a Fresh Air Adjustment

- a. Performing a Fresh Air Adjustment will set the CH₄ and CO channels to 0 and the OXY channel to 20.9%.
- b. Take the instrument to a fresh air area where the air is free of toxic or combustible gas and has normal oxygen (20.9%).
- c. Press and hold the AIR button. The display will prompt you to continue holding the AIR button.
- d. The display will prompt you to release the AIR button. The Gas Tracer will automatically set the fresh air readings for all channels.
- e. The Gas Tracer is now ready for use.

Note: If fresh air adjustment fails, refer to operators's manual.

4. Flow Integrity Test

- a. Place finger over end of probe or rubber tip. The Gas Tracer should go into flow fail in a few seconds.
- b. Press the RESET SILENCE button to restart the pump.
- c. If the instrument fails to indicate flow failure, check probe and hose connections for leaks.

5. Breath Test (for instruments equipped with oxygen sensor)

- a. If connected, remove hose and probe.
- b. Exhale near the inlet fitting of the unit. Observe that the oxygen reading drops below the alarm setting of 19.5% and the audible and visual alarms are activated.
- c. Press the RESET SILENCE button to reset the alarms and reconnect the hose and probe.

6. Turning the Gas Tracer OFF

- a. Press and hold the POWER ENTER button until TURN OFF has disappeared from the bottom of the screen. The Gas Tracer is now off.

