

ALTAIR® 5X Multigas Detector



To Turn On

Turn instrument ON with button. Instrument will warm up and display information. You must perform a flow test during startup. Block pump inlet when prompted.



Performing a Bump Test

- 1** Quickly confirm gas sensors are functioning. While instrument is ON in clean, fresh air, verify that readings indicate no gas present. Oxygen should be reading 20.8%. There should be no toxic or combustible gas present.
- 2** Verify concentrations displayed match calibration check gas cylinder. If not, adjust values through calibration setup menu as described in operating instruction manual or use the correct gas cylinder.



- 3**
 - A.** From measure screen, press button to display BUMP TEST?
 - B.** Attach demand regulator to calibration gas cylinder, and connect one end of tubing to the regulator.
 - C.** Connect other end of tubing to pump inlet.
- 4**
 - A.** Press button to start bump test. Progress bar advances and sensors respond to gas.
 - B.** BUMP TEST PASS indicates successful sensor bump test. Next sensor displays and process repeats. BUMP TEST FAIL displays any sensor that failed bump test.
 - C.** When bump test completes, remove tubing from instrument pump inlet.
- 5**
 - A.** After all sensors pass bump test, displays on MEASURE page for 24 hours. symbol appears on color display in upper feature bar; on monochrome display in lower-right corner. If any sensor was not bump tested or fails bump test, does not display.
 - B.** Color display temporarily shows at each successfully bump tested sensor display. symbol is then replaced by present gas reading. Monochrome display does not show individual sensor symbols. If sensor fails bump test, calibrate instrument as described in operating instruction manual. Depending upon sensors installed, one to six separate bump tests may need to be performed, each with a different cylinder, regulator, and tubing used.

For additional information, please see ALTAIR 5X Multigas Detector operating instruction manual P/N 10114801.

To Turn Off

Turn instrument off by holding the button for several seconds.