

ALTAIR 4X

Multi-Gas Detector with MSA XCell Sensor Technology



Function Check

1. Visual Inspection

- Filter clean
- Gas inlets free
- Gas detector and accessories not damaged

2. Turn on in Fresh, Uncontaminated Air

- Press (ON/OFF) button, self test starts
- Check information on display
- LEDs must flash shortly, audible alarm sounds

3. Run the Fresh Air Setup (FAS)



Press (ON/OFF) button

Perform „FAS“ only in fresh, uncontaminated air. Otherwise inaccurate readings can occur.

4. Perform Bump Test to Verify Proper Device Operation



When measurement mode is shown, connect calibration assembly with the 0.25 l pressure reducer and your ALTAIR 4X
Press to enter the Bump Test menu
Then press (ON/OFF) button to start the Bump Test
Open the valve on the regulator and wait

5. Finish the Function Tests



Close valve on the regulator, remove calibration assembly or connect the calibration cap with the ALTAIR Pump Probe. Cancel occasionally occurring alarms by pressing the button and check if the symbol is displayed. (YES = ready for use, NO = repeat Bump Test)
Record the results

Battery Condition: Indicates the battery charge level.

Bump Check Symbol: Indicates successful bump or cal.

Motion Alert: Indicates Motion Alert is active.

Alarm Symbol: Indicates alarm state.

Sensor Life Symbol: Indicates the end of sensor life

Indicates required interaction.

Hourglass: Indicates user should wait.

STEL Symbol: Indicates a STEL alarm.

TWA Symbol: Indicates a TWA alarm.

Minimum: Indicates a minimum value or low alarm.

PEAK Symbol: Indicates a PEAK reading or high alarm.

Cal Gas Cylinder: Indicates cal gas must be applied.

No Gas Cylinder: Indicates cal gas should not be applied and device must be exposed to fresh air.



Comb Cylinder
1.45 Vol% CH4 (29% LEL)

Calibrated to
METHANE
PENTANE
PROPANE
HYDROGEN

Readings on Display
33% LEL*
58% LEL
46% LEL
32% LEL

* in some countries (like Switzerland) 29% LEL due to the different value of 100% LEL at 5.0 %Vol instead of 4.4 %Vol



XCell[®]
SENSORS

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