

Operating Instructions

for the

VISA (Multi-Gas Monitor)

Gas Measurement Instruments Ltd.



VISA Operating Instructions

TURNING ON The Instrument



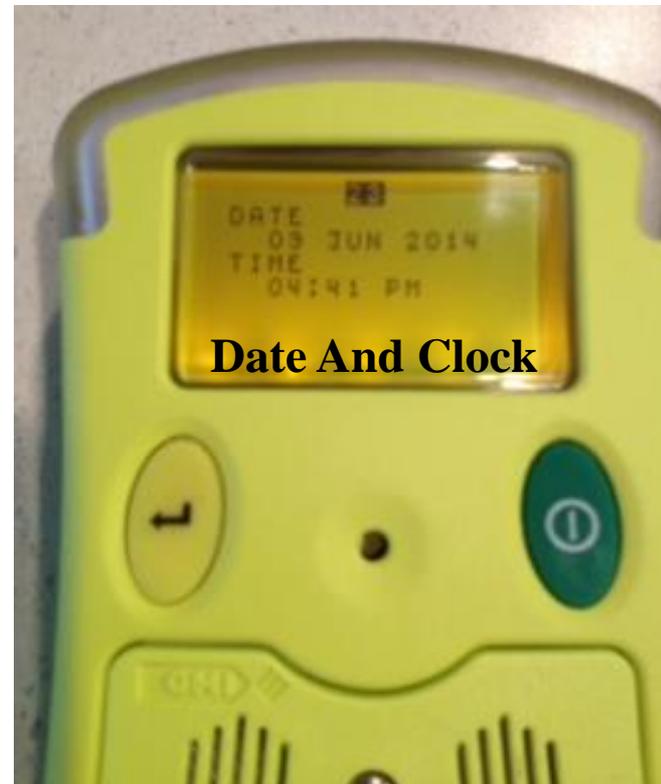
- Turn On In Fresh Air
- Press And Hold Right/Green Button Until the Display Screen Lights Up
- The Instrument Will Go Through A 30 Second Warm Up and Test Cycle
- Pump, Display Screen Backlighting And Blinking Green Alarm Lights Turn On

VISA Operating Instructions

30 Second Test Cycle



- Instrument Identification
- Check The **Battery Level**
 - Full, 75%, 50%, 25% Or Low



VISA Operating Instructions

30 Second Test Cycle (cont.)

Calibration Due Date Reminder



If The Calibration Due Date Has
EXPIRED

Audible & Visual Alarms Activate
“**CAL DUE**” Flashes On Screen

Press And Hold Green/Right Button
To Acknowledge And Turn Off Alarms

After Job, Turn Into FM Maintenance
Supply Shop

If “**Calibration Required**” Displays &
Audible & Visual Alarms Activate

The Instrument Is Not Useable
Turn OFF

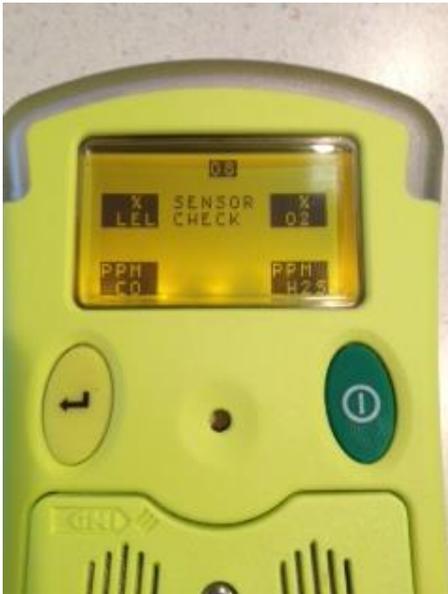
Turn Into FM Maintenance Supply
Shop For Re-calibration

VISA Operating Instructions

30 Second Test Cycle (cont.)

Sensor Check:

Checks Appear For Sensors That Work And Zeroed Correctly



If A Spanner Symbol

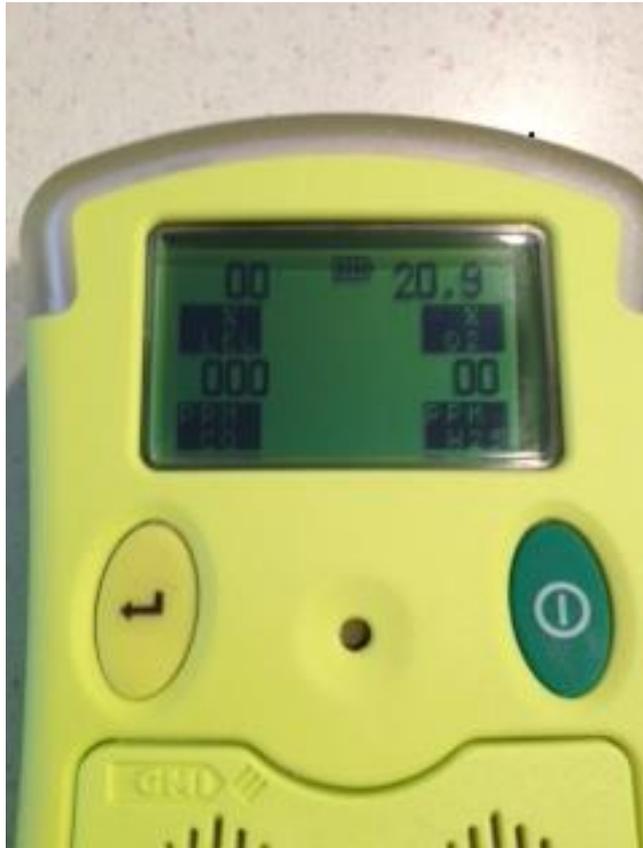


Appears Over Any
Sensor Or
“ZERO FAULT”

Turn Off And Return
Instrument To FM
Maintenance Supply
Room For Repair

VISA Operating Instructions

30 Second Test Cycle - **COMPLETED**



Pressing Green Button Once Turns On Display Screen Backlighting for 20 Seconds

- Pump And Lights Turn Off
- Sensors Show Current Readings
- Instrument Is Ready For Use
(Audible Beep & Light Every 15 Seconds)



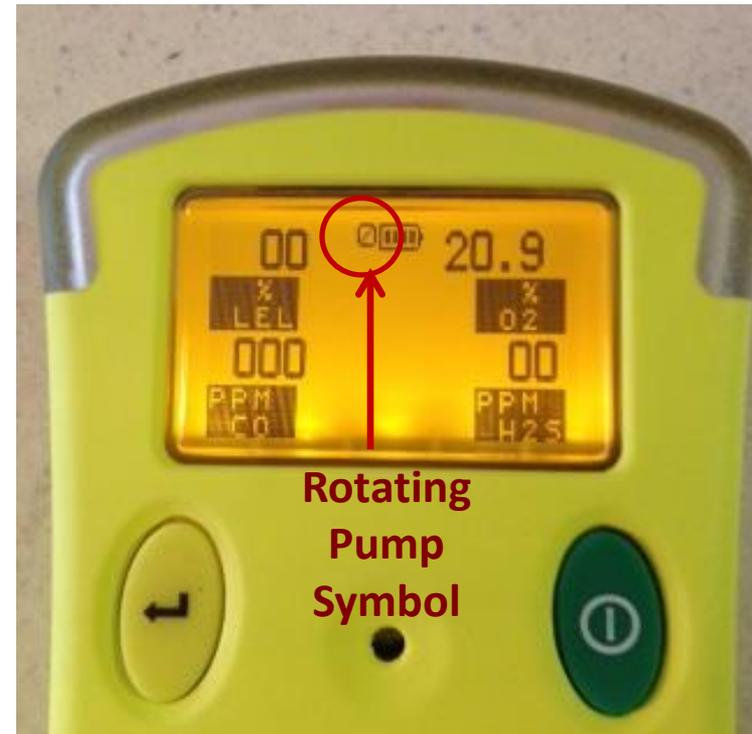
VISA Operating Instructions

REMOTE SAMPLING

The Sensors Work With The Pump Off

To **Remotely Sample** (With A Tube):

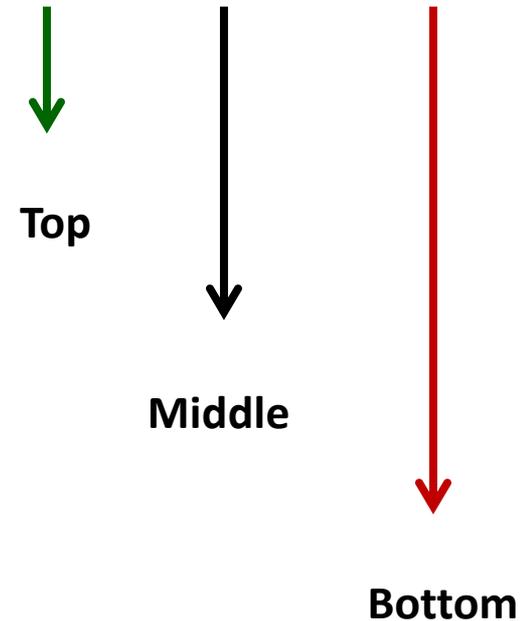
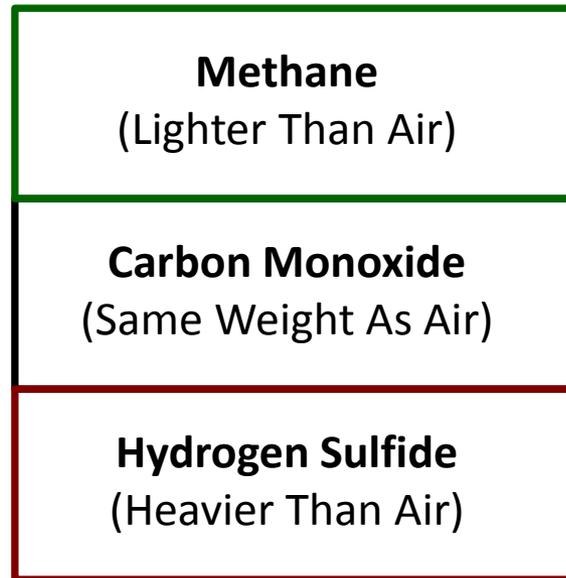
- Attach The Tube
- Turn **ON** / **OFF** The Pump
 - Press And Hold The Green/Right Button
 - On: Pump Symbol Rotates 



VISA Operating Instructions

REMOTE SAMPLING

Crack Open the Cover & Take Air Sample at the:



Then Remove the Cover
& Turn On Ventilation, As Required

VISA Operating Instructions

ALARMS: LOW BATTERY - Approximately 30 Minutes Of Operation Remain

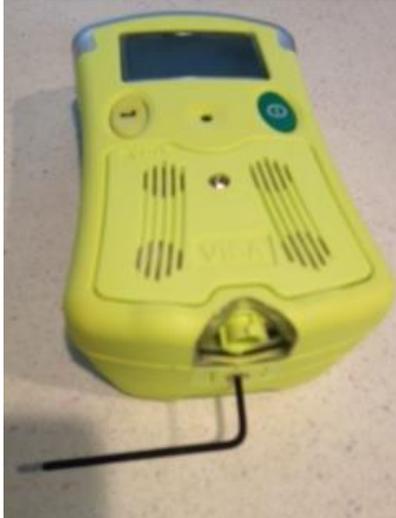


“Battery Fault” - 3 Minutes Before Automatic Shutdown

VISA Operating Instructions

ALARMS: LOW BATTERY

REPLACING BATTERIES



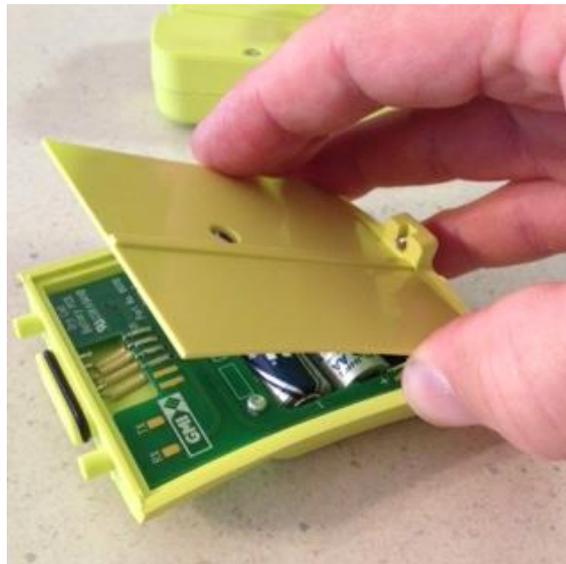
Use Hex Wrench to Unfasten Set Screw

Use Pressure To Push And Remove Battery Pack

VISA Operating Instructions

ALARMS: LOW BATTERY

REPLACING BATTERIES



Use Hex Wrench to Unfasten Set Screw

Lift And Remove Battery Pack Cover

Remove And Replace Batteries

(ONLY Use **ALKALINE AA Batteries)**

VISA Operating Instructions

ALARMS: LOW BATTERY

REPLACING BATTERIES



Replace Lid On Battery Pack And Tighten Set Screw

Re-Insert Battery Pack Ensuring To Fit Tongue-And-Groove

Tighten Set Screw

VISA Operating Instructions

ALARMS: Flow Fault

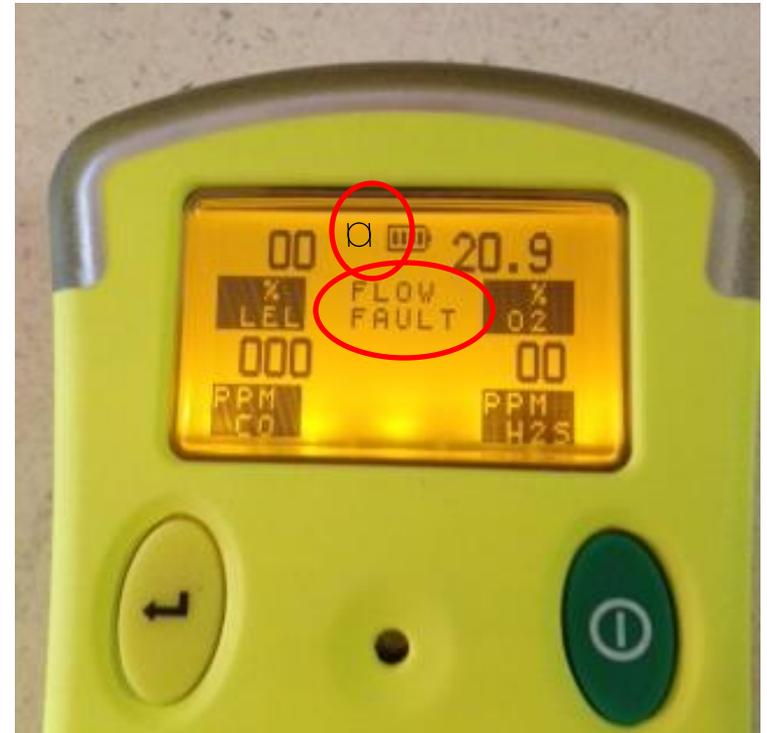
If The Rotating Pump Symbol



Changes To A Flow Fault Symbol



- Audible Alarm And Red Lights Activate
- Pump Will Stop
- Check For Blocked Remote Sampling Tube And Clean
- Restart Pump



Safety Program

VISA (Multi-Gas Monitor)

Gas Measurement Instruments Ltd.

To Turn OFF:

Press Both The
Yellow / Left Hand

AND

Green / Right Hand
Buttons



QUESTIONS?

NEED MAINTENANCE?

See Kurt Patrick
Or David Graham

In The
FM Maintenance Supply Shop