

Introduction to the PULSAR™+ Single Gas Detector





For Single Gas Monitoring

The Detector with
Universal Appeal



PULSAR™ + Detector will detect 1 of the following gasses:



Oxygen



Carbon Monoxide



Hydrogen Sulfide

All versions are available with vibrating alarm option



Why the Pulsar™ + Detector?

- ✦ Extremely easy to use
- ✦ Tough, durable construction
- ✦ Large, easy-to-read display
- ✦ Best in class triple alarm system
- ✦ Innovative clip attachment options
- ✦ MSA's patented Button® Sensors
- ✦ Long-life lithium battery



Why the Pulsar™ + Detector?

- ✦ Autocalibration feature
- ✦ No separate calibration accessories
- ✦ User activated STEL & TWA options
- ✦ Security access code option
- ✦ Light weight, convenient size
- ✦ Superior RFI protection



Extremely Easy To Use

- ❑ Intuitive operation
- ❑ Software design modeled after proven MSA portable instrument software package
- ❑ Instrument reading current gas level within 30 seconds after turn-on
- ❑ Same button layout as the Responder[®] Alarm

Tough, Durable Construction


- ❑ Unique interlocking gasket suspension system provides tight seal and absorbs shock if unit is dropped
- ❑ IP54 rating against water and dust ingress
- ❑ Passes a 6-ft. drop test onto concrete
- ❑ Unit will stand up to the toughest environments



Large, Easy-to-read Display



Backlight provides
excellent contrast



Layout based on the
highly successful
Orion[®] Multigas
Detector display



One of the
largest on the
market



So simple
to read!



Alarm Indicators



Distinctive triple alarm system

- Sweeping frequency, heavy duty high output horn
- FOUR super-bright LED alarm lights, able to be seen from almost any angle
- Optional vibrating alarm is available on all versions



Clip Options

 Several clip options are available:

- Suspender type clip included standard with each unit
 - Ideal when maximum unit attachment is required
- Optional cell phone style clip increases “wearability” of instrument



Innovative Sensors

- ❑ Newly designed using MSA's patented Button Sensor technology
- ❑ Constructed of stainless steel housing containing solid electrolyte
 - Impossible for sensors to leak!
- ❑ Extremely small, thin profile
- ❑ Two year activation life, even for O₂

Long-life Battery

- ❑ Replaceable “123 type” lithium battery
 - Will power the unit for over six months with eight hours/day usage
 - 10 year battery shelf life
- ❑ Efficiently drives triple warning system for maximum alarm output
- ❑ Current battery status *always* displayed on instrument



One-button Calibration

- ❏ Intuitive, completely automatic calibration adjustment with the press of a button
 - Makes calibration and maintenance easy!
- ❏ No separate instrument accessories needed for bump check or calibration



User Configuration

- ☑ Fully adjustable warning, peak, STEL and TWA alarm levels
- ☑ Ability to deactivate STEL and TWA alarms
- ☑ Adjustable span gas concentration value
- ☑ All adjustable settings are always password protected

Steel fiber-filled polycarbonate case

- ❑ Excellent choice for use in tough conditions, especially corrosive environments
- ❑ Provides substantial RFI protection
- ❑ Superior impact absorbing qualities



The PULSAR™ + RED Alert

- ❑ The key to selling PULSAR+ units
- ❑ PULSAR+ Detector beats the competition in:



R

Reliability



E

Ease-of-use



D

Durability



Reliability

Bumper-to-bumper two-year warranty



MSA's patented Button[®] Sensors
containing leakproof solid electrolyte



Long-life lithium battery



Ease-of-use

Autocalibration



Large, simple to understand display



Distinctive triple warning system for maximum alert



Gas delivery adapter designed into instrument housing

–No extra small pieces to lose



Ease-of-use (cont.)

Simple to change sensor or battery



Piercing audible and bright visual alarms



Several clip options for maximum attachment flexibility



Sensor location minimizes possibility of accidentally covering sensor inlet



Ease-of-use

One-button calibration



Alarm lights visible from most angles



Separate display for alarm icons;
alarms displayed directly above gas
readings



Large, easy-to-read display with great
contrast. Most competitive units have
small windows and moderate contrast



Durability

Innovative interlocking single gasket suspension system



IP54 rating, for greater resistance to dust and water



Tough, durable construction; passes 6-ft. drop test

