

EXPLORER 4™

Personal Multi-Gas Monitor

- **Housed in CSE's Time Tested Stainless Steel Case**
- **Four Sensors, Smart Technology**
- **Auto Calibration**
- **12 Hours of Continuous Operation**
- **Two-Year Warranty**
- **The Reliability You've Always Wanted, In the Palm of Your Hand**

Now with 30 years of service, CSE Corporation is proud to introduce The EXPLORER 4™ Multi-Gas Monitor. Tough enough to withstand the punishing environments of the coal mines, sewers, gas fields, power plants and more. The Explorer 4™ uses the latest technology to assure the user the most accurate and reliable readings.

The Explorer 4™

The EXPLORER 4™ has the ability of reading two to four gases simultaneously. Available gases include: Oxygen, Combustible or Methane by Volume and your choice of two Toxics: Carbon Monoxide, Hydrogen Sulfide, Sulfur Dioxide, Nitric Oxide and Nitrogen Dioxide. Smart Sensor Technology makes the EXPLORER 4™ field serviceable.

Easy operation allows users to view various menus quickly and efficiently, including identification of gas values, alarms, peak hold values or battery life. A NimH rechargeable battery provides up to 12 continuous hours of protection using either Diffusion or Pump models. Alkaline batteries are also available.

You can choose from several safety packages: A Basic Kit, a Confined Space Kit or for a complete package, the CSE Detection and Protection Kit. See ordering specifications on back page for more details.



SHOWN ACTUAL SIZE

Applications

- Agricultural
- Coal Mines
- Construction
- Contractors
- Cruise Ships
- Offshore
- Petrochemical
- Pharmaceutical
- Plant Shut Downs
- Power Plants
- Public Utilities
- Pulp/Paper
- Refineries
- Sewers
- Steel Mills
- Tunnels

EXPLORER 4™

Ordering Specifications

EXPLORER 4™ DESCRIPTION	UNIT CONFIGURATIONS		ALKALINE KIT CONFIGURATIONS		NICKEL METAL HYDRIDE KIT CONFIGURATIONS	
	ALKALINE (A)	NICKEL METAL (N)	BASIC KIT (B)	CONFINED SPACE KIT (C)	BASIC KIT (B)	CONFINED SPACE KIT (C)
DIFFUSION VERSION						
No Sensors	214AD00000	214ND00000	214ADB0000	214ADC0000	214NDB0000	214NDC0000
O2/CH4	214AD2220M	214ND2220M	214ADB220M	214ADC220M	214NDB220M	214NDC220M
O2/LEL	214AD2220F	214ND2220F	214ADB220F	214ADC220F	214NDB220F	214NDC220F
O2/CO	214AD2220C	214ND2220C	214ADB220C	214ADC220C	214NDB220C	214NDC220C
O2/H2S	214AD2220H	214ND2220H	214ADB220H	214ADC220H	214NDB220H	214NDC220H
O2/CH4/CO	214AD330MC	214ND330MC	214ADB30MC	214ADC30MC	214NDB30MC	214NDC30MC
O2/LEL/CO	214AD330FC	214ND330FC	214ADB30FC	214ADC30FC	214NDB30FC	214NDC30FC
O2/LEL/H2S	214AD330FH	214ND330FH	214ADB30FH	214ADC30FH	214NDB30FH	214NDC30FH
O2/CH4/H2S	214AD330MH	214ND330MH	214ADB30MH	214ADC30MH	214NDB30MH	214NDC30MH
O2/LEL/CO/H2S	214AD40FCH	214ND40FCH	214ADB0FCH	214ADC0FCH	214NDB0FCH	214NDC0FCH
PUMP VERSION						
No Sensors	214AP00000	214NP00000	214APB0000	214APC0000	214NPB0000	214NPC0000
O2/CH4	214AP2220M	214NP2220M	214APB220M	214APC220M	214NPB220M	214NPC220M
O2/LEL	214AP2220F	214NP2220F	214APB220F	214APC220F	214NPB220F	214NPC220F
O2/CO	214AP2220C	214NP2220C	214APB220C	214APC220C	214NPB220C	214NPC220C
O2/H2S	214AP2220H	214NP2220H	214APB220H	214APC220H	214NPB220H	214NPC220H
O2/CH4/CO	214AP330MC	214NP330MC	214APB30MC	214APC30MC	214NPB30MC	214NPC30MC
O2/LEL/CO	214AP330FC	214NP330FC	214APB30FC	214APC30FC	214NPB30FC	214NPC30FC
O2/LEL/H2S	214AP330FH	214NP330FH	214APB30FH	214APC30FH	214NPB30FH	214NPC30FH
O2/CH4/H2S	214AP330MH	214NP330MH	214APB30MH	214APC30MH	214NPB30MH	214NPC30MH
O2/LEL/CO/H2S	214AP40FCH	214NP40FCH	214APB0FCH	214APC0FCH	214NPB0FCH	214NPC0FCH

Gas selection: O=O2, C=CO, H=H2S, N=NO, X=NO2, F=Combustible LEL, M=%Ch4Volume, L=CL2, S=SO2, A=Ammonia.

Additional Sensors Available

Two-year warranty on oxygen, combustible, and carbon monoxide, all other toxics one year. Configurations and specifications can change without notice.

- Basic Kit includes: Explorer 4™, power pack, cal cap, ABS plastic case, leather case and manual.
- Confined Space Kit includes: Basic Kit plus cal gas, tygon tubing and regulator.
- Detection and Protection Kit includes: Confined Space Kit, flashlight, carrying bag and SR-100 ESCBA.

Technical Specifications

GAS	RANGE	RESOLUTION
Oxygen (O2)	0 - 25%V	0.1%V
Combustible (LEL)	0 - 100%	1.0%
Methane (Ch4)	0 - 5%V	1.0%
Carbon Monoxide (CO)	0 - 500 ppm	1.0 ppm
Hydrogen Sulfide (H2S)	0 -100 ppm	1.0 ppm

Accessories

Leather Case with window	21422CASEW
Leather Case without Window	21422CASW0
Wrist Strap	21422WRSTP
Chest Strap	21422CHSTP
User's Manual	21422MANUL
Dataview™	21422DATAV
Rapid Charger	21421RAPID
Multi-Charger	21421MULTI

Distributed By:



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CSEXP4V1

Physical Specifications

Case:

Stainless Steel

Size:

Diffusion: 2.75" x 4.5" x 1.6"
(70mm x 114mm x 41mm)

Pump: 2.75" x 4.5" x 1.75"
(70mm x 114mm x 44mm)

Weight:

Diffusion: 14.4 ounces (0.4kg)

Pump: 16 ounces (0.45kg)

Display:

Backlit LCD, 4 line, 10 character,
0.2" high per line

Datalogging:

User definable intervals

Dataview™ Software

RFI:

RFI Protection @ 100 watts in no less than 12 inches

Sample Method:

Diffusion or Integral Pump

Diffusion/Pump Models:

NimH Rechargeable-12 hours operation per charge

Alkaline: 3-AA - 12 hrs operation

Rapid Charger AC/DC- 4.5 hours

Car Adapter available

Operating Temperature:

(-4.0°F - (+)122.0°F / (-)20°C - (+)50°C

Storage Temperature:

(+)32.0°F - (+)68.0°F / 0°C - (+)20°C

Humidity Range:

0 - 99% Relative Humidity, Noncondensing

Pump/Flow Rate:

0.5 lpm

Approvals:

CSA (NRTL) Class1, Division1, Groups A,B,C,D (pending)

MSHA Part 18/22 (pending)

CE (pending)

Alarms:

TWA, STEL, Instantaneous Hi/Lo Peak, Latching, O2, Combustible, Toxic

90 db audible latching

LED visual flashing alarms

Programmable High/Low Alarms

Sensors:

CSE Smart Electrochemical

Toxic/Oxygen,

Pellistor Combustibles

Made in the U.S.A.