

4000 Series — Portable/Survey Monitoring

Interscan's portable, battery operated analyzers are available for Br₂, CO, Cl₂, ClO₂, C₂H₄, ethylene oxide, HCHO, H₂, hydrazine, HBr, HCl, HCN, H₂S, NO, NO₂, O₃, propylene oxide, and SO₂.

Our portable analyzers utilize Interscan's own electrochemical voltammetric sensors.



FEATURES

- An integral sample pump, powered by rechargeable Ni-Cd batteries (supplied), giving up to 10 hours of continuous service
- Digital readout of concentration in real time
- Audible and visual alarm
- Nylon/Cordura carrying case
- Plug-in "calculator-type" battery charger
- Analog output (0-100 mV f.s.)
- Sample Probe

SPECIFICATIONS

Weight: 4.5 lb (2.0 kg)

Dimensions: 7" H x 4" W x 8.875" D
(178 x 102 x 225 mm)

For additional specifications, ordering information, model numbers and ranges available, as well as other technical information, please visit our website at: www.gasdetection.com or you may go to the following links on our website:

- <http://www.gasdetection.com/PROD/portable.html>
- <http://www.gasdetection.com/TECH/interference-chart.html>
- <http://www.gasdetection.com/TECH/sensorprinciple2.htm>

Or call our Sales Department at (800) 458-6153 x 124.

UL Classified Intrinsically Safe models, for use in hazardous locations, Class 1, Groups A, B, C, and D (10X0), are available. CE Approved models available. Special ranges and special packages also available. Please consult factory.

Interscan Corporation

P.O. Box 2496, Chatsworth, CA 91313-2496

Telephone (800) 458-6153—(818) 882-2231 — FAX (818) 341-0642

www.gasdetection.com

4000 Series Standard Portable

Features

Accuracy: Analog units: $\pm 2.0\%$ of full scale
Digital units: $\pm 2.0\%$ of reading, ± 1 least significant digit (Limited to accuracy of calibration standard)

Repeatability: $\pm 0.5\%$ of full scale

Minimum

Detectability: 1.0% of full scale

Linearity: $\pm 1.0\%$ of full scale

Zero Drift: $\pm 1.0\%$ of full scale (24 hours)

Span Drift: Less than $\pm 2.0\%$ of full scale (24 hours)
The zero and span drift specifications assume that the analyzer is equilibrated, and is at constant temperature, with a properly maintained sensor. "Drift" is defined as an undesired change in output over a period of time, which change is unrelated to input, operating conditions, or load.

Lag Time: Less than 1 second

Calibration: Against standard gas mixture, or via INTERSCAN's Electronic Calibration Service

Resolution

0-1999 ppm range: 1 ppm

0-199.9 ppm range: 0.1 ppm

0-19.99 ppm range: 0.01 ppm

0-1999 ppb range: 1 ppb **HCHO(0-500ppb)**

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