



COMAG IR

defining technology

SmartScan PPM 4023M

SmartScan Infrared CH₄ Sensor

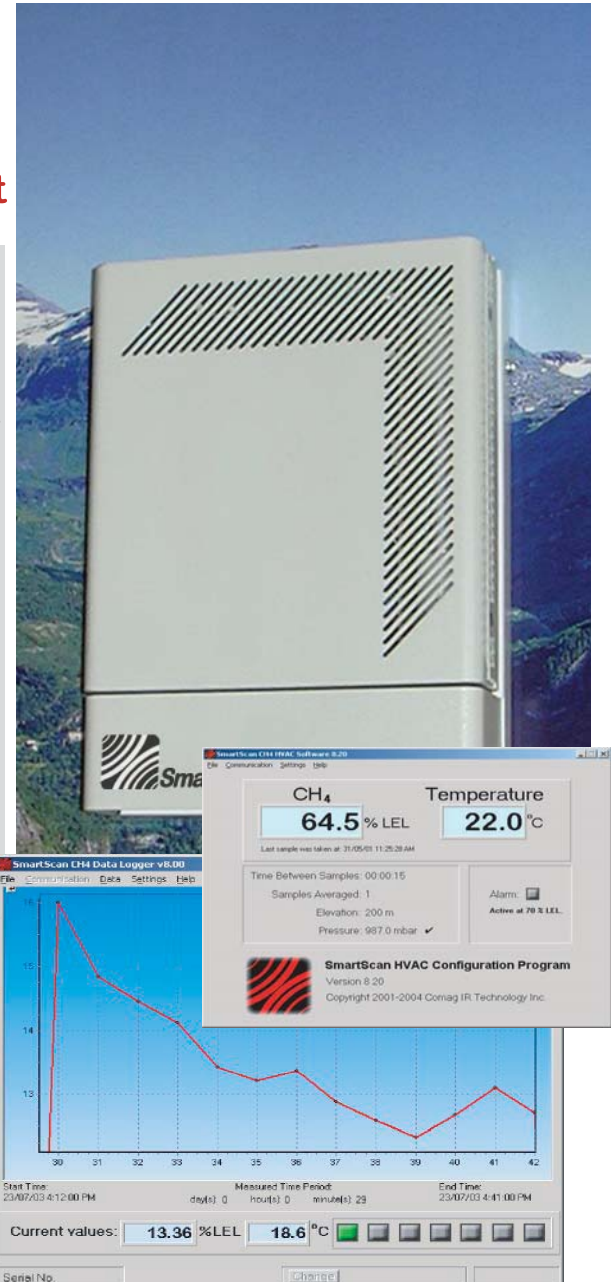
Advanced high resolution, digital CH₄ sampler / datalogger with large memory provides accurate measurements for professional analysis and control.

Extended calibration infrared gas detection combined with digital temperature measurement secures flexible functionality and ease of use.

Multi:

- Methane (non-Ex, LEL - version)
- Free-standing or networking
- No calibration gas ever needed
- Exports logged data to spreadsheet

Sensor type:	Microprocessor controlled, fully digital, non-dispersive dual wavelength infrared, temperature compensated
Characteristics:	
Measurement range of CH ₄	0 - 100% LEL / 0 - 50,000 ppm
Measurement formats	Single <1 second pulse/averages
Accuracy of CH ₄ measurement	± 0.5% LEL in 15 - 30°C range
	± 1% LEL outside the range
Repeatability	± 1% LEL
Resolution	± .2% LEL
Air pressure correction	- 0.13% of reading / mm Hg
Measurement range of temperature	-30 to +50 °C, digital
Accuracy of temperature measurement	<± 0.5 °C @ 5 - 40 °C
Temperature repeatability	<± 0.2 °C
Signal Functions:	
Variables measured	% LEL, temperature, time
Sampling intervals	15 sec - 4 hours, user option
Standard outputs	4-20mA, 0-10V analog RS232 digital
Datalogging Functions:	
Variables recorded	% LEL, temperature, time
Storage capacity	16,000 samples
Data presentation	Windows 98SE, NT, 2000 & XP
Sampler Unit:	
Material	Sheet metal, 24 gauge
Size (LxWxH)	172 x 158 x 42 mm
Weight	860 g
Color	Bone
Supply voltage	12 - 24VDC / 24VAC
Current consumption	< 0.5A pulse / 0.12A idle
Wiring	Terminal block
Cable connection	RJ45 - DB9
On/Off	Toggle switch
Certification:	CE, TUV, FCC, CAN/CSA Equivalent to UL standards
Sampling Enclosure with Pump:	
Material	Molded Fiberglass Polyester
Size (LxWxH)	360 x 310 x 210 mm



For information, sales and support - please contact:

U.S.A.
Comag IR, Inc.
P.O.Box 895
Hallock MN 56728 - 0895
U.S.A

Phone (218) 843 - 3700
Fax (218) 843 - 3701

Canada
Comag IR Technology Inc.
P.O.Box 522
576 Main Street
Oak Bank MB R0E 1J0
Canada

Phone (204) 444 - 7000
Fax (204) 444 - 7007



Website:
<http://www.comag-ir.com>

e-mail:
mail@comag-ir.com