

# 400 GD

# DIGITAL GAS DETECTORS

Distributed by:  
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since 1984 ®

**EMISSION MONITORING SYSTEMS**

Over 30 years of innovative gas analysis!

- Gas detector for combustible gases
- Stack Moisture detector
- Sensor exchange during operation
- Adjustable alarm threshold
- Graphic color display
- Acoustical, optical and vibration alerts
- Rugged and very compact

## GAS DETECTOR 400GD

### Multi-sensor Detector/Meter

Interchangeable sensors: Natural gas, propane, refrigerants, CO, moisture, or temperature

#### WITH KEY FEATURES

- >> Interchangeable sensors
- >> Fast 30 second start-up
- >> Brilliant, graphic display
- >> Adjustable alarms
- >> Audible, visual, and vibration alerts
- >> Long-life, re-chargeable Lithium-ion battery
- >> Compact, rugged construction

Leak detection refrigerant (RF sensor)	
Ref.-refrigerant	R134a, H , R410a, R1234Ze
Detect. Refrigerant	FCKW, H7CKW, FKW, H7KW, HFO
Measuring range	0 ... 1.000 ppm
Resolution	1 ppm
Detection limit	3 g / year
Response time	< 3 sec.

Measuring ranges HC-Sensors:	Description	Range	Resolution	Response time
	CH4 -Sensor	0 ... 44,000 ppm	1ppm	< 5 sec.
	C3H8 - Sensor	0 ... 17,000 ppm	1ppm	< 5 sec.
	H2 - Sensor	0 ... 40,000 ppm	1ppm	< 5 sec.

Measuring range stack moisture sensor:	Description	Range	Resolution	Response time
	RM-sensor	0 ... 100	1	< 1 sec.

Indoor climate (HM-sensor)	Criteria	Range	Resolution
	Humidity	0 ... 100 % RH	0.1%
	Temperature	0 ... + 60 °C	0.1 °C
	Barometric pressure	300 ... 1.100 hPa	0.1 hPa
	Dew point	calculated from humidity and temperature	

Temperature (IR-sensor)	Description	Range	Resolution
	IR-sensor	-94 ... 716°F (- 70 ... + 380 °C)	0.1 °C

Gas Detector 400GD, basic unit	
Operating temperature	41°F ... 122°F (+ 5 °C ... + 50 °C)
Rel. humidity during operation, non-condensing	95%
Storage temperature	- 4°F ... 140°F (- 20 °C ... + 60 °C)
Built-in battery, operating time (depending on sensor)	Li-Ion, typ. 20 h
Power supply	100-240 V / 5 V DC / 500 mA
Interface (Charging/Firmware updates)	Mini-USB port
Dimensions (housing):	5.31" x 1.97" x 0.98" (Length: 135 mm; Width: 50 mm; Depth: 25 mm)
Dimensions (sensor neck):	Length: 9.84" (250 mm)
Protection class	IP30
Weight:	approx. 8 ounces (without sensor) (230g)

Data subject to change without notice

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