MULTI GAS CLIP INFRARED

Zones 0, 1, 2

MISCELLANEOUS | **ZONES 0, 1, 2 (gas)**



The Multi Gas Clip (MGC) is a portable gas detector designed to monitor hydrogen sulfide (H_2S), carbon monoxide (CO), oxygen (O_2) and combustible gases (%LEL). Its low-power infrared sensor for combustible gas detection enables up to two months of continuous operation on a single charge, reducing charging requirements and supporting everyday use.

The infrared technology detects combustible gases without requiring oxygen, allowing operation in inert atmospheres. Simple operation, configurable bump test and calibration reminders, and compatibility with Multi Gas Clip docking stations facilitate routine testing and detector management. A 12-month calibration interval further helps reduce maintenance requirements.







EU-Type Examination Certificate

- Detects combustible gases (LEL), hydrogen sulfide (H_2S), carbon monoxide (CO) & oxygen (O_2)
- Operates for 2 months continuously on a single charge
- 1-year calibration cycle saves test gas & valuable time
- Infrared LEL sensor is immune to poisons
- Lightweight & durable - alligator clip clamps on tight
- Low maintenance cost
- Infrared LEL sensor does not require oxygen to detect gas
- Simple one-button operation & large, easy-to-read screen

Bump testing before each day's use is advised. *All detectors are charged and calibrated during manufacturing.

ITEM REFERENCES

Designation:	Description:	Gas:	Temperature:	Item No.:
Multi Gas Clip Infrared	Infrared four gas detector H_2S, CO, O_2 & LEL	H_2S - 0-100 ppm (0.1 ppm increments) CO - 0-500 ppm (1 ppm increments) Combustible (LEL) - 0-100% LEL (0.1% increments) O_2 - 0-30% vol. (0.1% increments)	-20°C to +50°C	14B0201

Included with detector: charger, calibration cap, calibration certification & Quick Start Guide

TECHNICAL SPECIFICATIONS

Marking:	Ex II 1G Ex ia IIC T4 Ga
Certificate:	EU-Type Examination Certificate
Operating temperature:	-20°C to +50°C
Humidity:	5% to 95% RH (non-condensing)
Battery Life:	60 days (continuous)
Alarms:	Visual, vibrating & audible (minimum 95 dB). Low, High, STEL, TWA & OL (Over Limit)
LEDs:	4 red alarm bar LEDs Yellow back-light (activated on button press) Red back-light (activated on alarm condition) Yellow maintenance notification LED
Display:	High viewing angle alphanumeric Liquid Crystal Display (LCD)
Logs:	25 Bump tests / 25 Events / 25 Calibrations Continuous 1-second data logging (typical capacity > 2 months)
Tests:	Full-function self-test upon activation. Sensors, battery and circuitry tests run continuously
Ingress protection:	IP67
Weight:	240g
Dimensions:	118,6 x 61,6 x 31,7 mm
Sensor Type:	H_2S, CO & O_2...Plug-in electrochemical cell / Combustible (LEL)...Plug-in infrared
User Options:	Custom user message, TWA/STEL intervals, Languages (6) Latching alarms, Self-test lock, Auto-zero on start up, Bump test interval, Low/High alarm, Off-Lock, TWA method, Sensor enable/disable, Maintenance notification, SAFE display, Dock lock, Calibration gas percentage, Calibration interval ,TWA/STEL alarm ,% LEL or % CH_4 by-vol

CONTACT - (+34) 943 530 095 | inpratex@inpratex.com

MISCELLANEOUS



The MGC-Q-60 is a 60-litre calibration gas cylinder for multigas detectors, containing a NIST-traceable mixture of 25 ppm H_2S, 100 ppm CO, 18% O_2 and 2.5% methane by volume (50% LEL). Manufactured from aluminium and fitted with a C10 connection, it enables manual calibration or use with compatible Gas Clip Technologies.

ITEM REFERENCES			
Designation:	**Gas:**	**Size:**	**Item No.:**
Quad Gas Cylinder MGC-Q-60	Contains 25 ppm H_2S, 100 ppm CO, 18% O_2, & 50% LEL (2.5% vol Methane)	60 l	14B0301

TECHNICAL SPECIFICATIONS	
Pressure:	500ps
Dimensions:	36.2 x 8.97 cm
Water Capacity:	1,72 l
Material:	Aluminum Alloy
Weight:	794 gr
Valve Inlet:	5/8”-18 UNF (C10)
Contents:	0,056 m^3

The REG-MANUAL is a manual gas regulator for calibration and bump testing without a docking station. It controls the supply of test gas from the cylinder to the detector and is compatible with all Gas Clip Technologies detectors except MGC Pump models.



ITEM REFERENCES		
Designation:	**Description:**	**Item No.:**
Manual Regulator REG-MANUAL	Manual Regulator (non-dock use) use with all GCT detectors except MGC Pumps	14B0302

Tygon sampling hose for use with the GCT External Pump, enabling remote air sampling for gas detection. Supplied in a length of 0.91 m, it features an internal diameter of 3,18 mm (1/8”) and an external diameter of 6,35 mm (1/4”), with a wall thickness of 1,59 mm (1/16”).



ITEM REFERENCES		
Designation:	**Description:**	**Item No.:**
Sampling Hose HOSE-FT	Sampling Hose (0,91m)-Tygon ID-1/8” (3,18 mm), OD-1/4” (6,35 mm), Wall-1/16” (1,59 mm)	14B0303