



FORMALDEHYDE GAS DETECTOR

LEADERS IN GAS DETECTION

Since 1977

FP-31



Features:

- Easy to read LCD display
- Easy operation
- Self Diagnosis
- Less interference with other gases
- Measures 0.005 ppm
- No warm-up time
- Available download to PC
- Resolutions 0.005 ppm
- Read-out of Sample in 30 minutes

Applications:

- Furniture and woodworking
- Coating and varnishing
- Engineered wood products
- Medical/ veterinary
- Painting & corrosion resistant finishes
- Carpet manufacture & storage
- Adhesives
- Heat Treatment options
- Mortuary

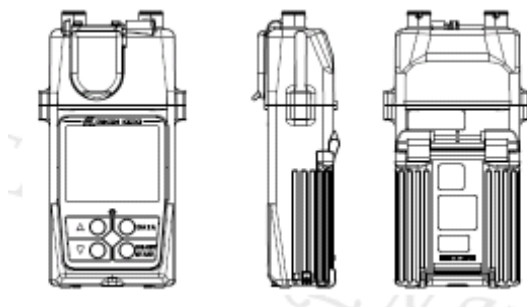
Description:

The Portable Formaldehyde Gas Detector Model FP-31 is a precision gas analyser which measures gases in the ppm range using photoelectric photometry method with chlorimetric detection tabs.

The inbuilt micro processor controlled sample pump draws the sample over the tab giving you a direct digital readout.

The inbuilt data logger will store up to 99 readings that can be viewed on the display or downloaded on to a PC.

The FP-31 is designed to monitor formaldehyde below the World Health Organisation level of 0.08 ppm (based on an average reading over 30 minutes with a resolution of 0.005 ppm). There are two ranges available for this model.



Head Office:

Unit 1 / 3 Deakin Street
(PO Box 5904)
Brendale QLD 4500 Australia
Ph: +61 (0) 7 3481 9000

Perth Office:

Unit 5 / 30 Enterprise Crescent
Malaga WA 6090 Australia
Ph: +61 (0) 8 6184 7840
sales@controlequipment.com.au

Representatives/Offices in:

Sydney	Melbourne
Hobart	Adelaide
Auckland	Wellington
www.controlequipment.com.au	

Detection gas	Formaldehyde (HCHO) in air	
Detection range	TAB No.008 0-0.4 ppm	Tab No.009 0-1.00 pmm
Detection time	30 min. (1,800 sec)	15 min. (900 sec)
Resolution	0-005 ppm	0.01 ppm
Detection principle	Photoelectric Photometry method	
Detection method	Colorimetric tablet method (Accumulating measurement)	
Display	Digital LCD	
Sampling method	Sample drawing with built-in pump	
Operating conditions	-10°C +40°C, below 90%RH (non-condensing)	
Memory	Detection point: Up to 99 points (automatic recording at completion of measurement)	
Self-Diagnosis	Sensor failure, Pump failure, Battery error, System failure	
Power Source	AA size Alkaline batteries (4pcs)	
Continuous operating time	Approx 12 hours (with no alarm or backlight, with alkaline battery at 20°C)	
Dimensions	Approx 8cm (W) x 15cm (H) x 4cm (D)	
Weight	Approx 250g without dry-cell battery	
Standard Accessories	Detection TAB (20 pcs/pack) AA size Alkaline batteries Attachment for tripod stand Operating Manual Inspection certificate	
Optional Accessories	Data logger software Filter	

Interference against other gases (typical)

Test Gas	Concentration	Reading
Toluene	1.0% vol	0 ppm
Benzene	1.0% vol	0 ppm
Acetoaldehyde	100 ppm	0 ppm
Carbon Monoxide	50 ppm	0 ppm
Carbon Dioxide	1.0% vol	0 ppm
Ammonia	25 ppm	0 ppm
Acetone	1.0% vol	0 ppm