



### Features

- Tabs available for detection of many toxic gases
- Easy to read LCD display
- Smart operation with microprocessor control
- Datalogging stores up to 99 readings

### Applications

- Hospitals
- Fumigation cabinets
- Plant rooms – NH<sub>3</sub>
- Councils
- Hygiene

The Riken Keiki Portable Gas Detector Model FP-85 is a precision gas analyser which measures gases in the ppm range using the photoelectric photometry method with a wide range of 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.

<b>Detection principle</b>	Photoelectric photometry method
<b>Detection method</b>	Colorimetric Tablet method (Accumulating measurement)
<b>Display</b>	Digital LCD
<b>Sampling method</b>	Sample drawing type
<b>Operating temperature</b>	-10 ~ +40°C
<b>Memory</b>	Detection point: Up to 99 points (automatic recording)
<b>Self-Diagnosis</b>	Failure of light source and light receiver, low battery voltage, pump failure, system trouble
<b>Battery</b>	AA size Alkaline batteries (4pcs)
<b>Continuous operating time</b>	Approx 12 hours consecutively (with no alarm or backlight, with alkaline batt at 20°C)
<b>Dimensions</b>	Approx 85(W) x 190(H) x 40(D)mm
<b>Weight</b>	Approx 500g

## Detectable gases and detection

Detectable gas	TAB No.	Full Scale
Formaldehyde (HCHO)	001	0 – 1 ppm
	002	0 – 20 ppm
Ammonia (NH <sub>3</sub> )	003	0 – 75 ppm
Hydrogen Sulphide (H <sub>2</sub> S)	004	0 – 30 ppm
Hydrogen Chloride (HCL)	005	0 – 15 ppm
Hydrogen Fluoride (HF)	006	0 – 9 ppm
Acetic acid (CH <sub>3</sub> COOH)	007	0 – 30 ppm
Carbon Monoxide (CO)	008	0 – 100 ppm

### AUSTGAS Instrument Services Pty Ltd

13 Greer St  
Bonnyrigg Heights NSW 2177  
AUSTRALIA

Phone: +61 2 9823 2551  
Fax: +61 2 9822 9284  
Mobile: +61 451 304 884  
Email: [austgas@hotmail.com](mailto:austgas@hotmail.com)