

FI-8000

Anaesthetic Version

- Capable of measuring up to 8 kinds of gases
- Easy-to-read wide LCD display
- Built-in sample pump
- Operates continuously for over 12 hours (on 3 AA batteries)
- Optional Lithium Ion battery pack (over 18 hours continuous use)
- International certifications IECEx / ATEX / IP-67
- Lightweight at only approx. 1.2 kg
- Data logging stores up to 100 readings



Overview

This anaesthetic gas analyser is calibrated for eight (8) selectable gas readings on the digital display. This device is a precision gas analyser which is adapted to measure the % volume concentration of any of the commonly used gas in a mixture of air or oxygen for anaesthetic gas. The operating principle of this analyser utilises the highly accurate measurement with CCD and fourier analysis technology and electronic circuitry to provide direct digital readout.

Applications

- Hospitals
- Veterinarians
- Dentists



C2HBr
CIF3

C3H2
CIF50

C4H3
F70

C3H2
F60

CL2



Scan
For More
Information

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Common Specifications	
Detection principle	Optical Interferometric method
Sampling method	Automatic draw-in by built-in pump
Display	LCD digital display (gas concentration, gas name, measuring range, battery level)
Self diagnosis function	Low battery voltage, low UV intensity, low contrast, abnormal pressure, abnormal temperature
Power supply	Alkaline battery unit (AA alkaline battery x 3) (standard) or Lithium-Ion battery unit (optional)
Protection class	IP-67 and international certification: IECEx and ATEX
Operating temp and humidity	Temperature range: -20 to 50°C, humidity range: below 95% RH (non-condensing)
Dimensions and weight	Approx. 154mm (w) x 127mm (h) x 81mm (d) Weight approx 1.1 kg (with battery unit included)
Continuous operating time	Alkaline: 12+ hours Lithium-Ion: 18+ hours
External output	IrDA (for data logger)
Outputs	Data logger
Functions	Data logging, pressure correction and temperature correction
Standard accessories	Absorption tube, sampling hose, AA size alkaline batteries (3pcs) and additional filters to assist with humidity issues
Optional accessories	AC adapter, data logger software and Lithium-Ion battery pack
Warranty	1 year material and workmanship

Detectable Gases		
Measuring gas type (Display characters)	Measuring range (Minimum digit)	Reference gas (REF CAL value)
Halothane in O2	0.00 to 6.00 vol% (0.01 vol %)	AIR (1.57 vol%)
Isoflurane in O2	0.00 to 8.00 vol% (0.01 vol %)	AIR (1.65 vol%)
Sevoflurane in O2	0.00 to 10.00 vol% (0.01 vol %)	AIR (1.70 vol%)
Desflurane in O2	0.00 to 20.00 vol% (0.02 vol %)	AIR (2.10 vol%)
Halothane in AIR	0.00 to 6.00 vol% (0.01 vol %)	AIR (0.00 vol%)
Isoflurane in AIR	0.00 to 8.00 vol% (0.01 vol %)	AIR (0.00 vol%)
Sevoflurane in AIR	0.00 to 10.00 vol% (0.01 vol %)	AIR (0.00 vol%)
Desflurane in AIR	0.00 to 20.00 vol% (0.02 vol %)	AIR (0.00 vol%)

Accessories

Battery packs



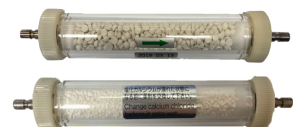
Lithium-Ion battery pack or
Alkaline battery pack

Water trap



Used to trap water

Filters



Soda lime for CO2 scrubber
Calcium chloride (moisturise absorber)