



FI-8000



- **Max 8 measuring gas range available**
- **2 way of sampling method**
Pump suction type or Hand aspirating type
- **Intermittent measuring mode available**
(For pump suction type only)
- **Ingress proof rating IP67**
Suited for outdoor work.
- **Easy-to-read wide LCD display**
- **Intrinsically safe (ATEX Presafe 14 ATEX 5711)**
Explosion proof class Exia IIC T4 Ga










Specifications

Specification

Model	FI-8000	
Measuring principle	Optical interferometric method	
Measuring gas	Refer to the 3 rd page.	
Indication accuracy	Within $\pm 3\%$ (at constant temperature)※	
Type	TYPE P-□□-□□	TYPE A-□□-□□
Sampling method	Pump suction type	Hand-aspirating type
Self-diagnosis function	Low battery, Low light, Low contrast, abnormal atmospheric pressure and abnormal temperature	
Display	LCD digital (7-segment value display + code + 20 segment word x 2 lines)	
Each display	Measuring gas, gas concentration, measuring unit and battery capacity reminder	
Power source	Alkaline battery pack (AA size battery x 3 pcs) (standard) Or, Lithium ion battery(optional)	
Ingress proof rating	IP67 equivalent	
Ambient humidity & temperature	Temperature : -20~50°C, Humidity : Below 95%RH (Non-condensing)	
Dimensions	Approx. 154 (W) × 127 (H) × 81 (D) mm	
Weight	Approx. 1.1kg (including alkaline batteries) Approx. 1.2kg (including lithium ion batteries)	
Explosion proof	Intrinsically safe (Exia II CT4) (ATEX pending)	
Continuous operation	Above 12 hrs (for alkaline battery use) Above 18 hrs (for lithium ion battery use) (25°C with no back light on)	Above 16 hrs (for alkaline battery use) Above 24 hrs (for lithium ion battery use) (25°C with no back light on)
External output	IrDA (for data logging)	
Function	Data logging, atmospheric pressure correction, temp compensation	

Accessories

	Common (Anaesthetic/fumigation/customized gas)			Anaesthetic	
Accessories	Gas sampling tube (1m) 	Shoulder strap 	Hand-aspirator (For TYPE A only) 	Absorption tube 	Tube Fix belt 
Optional	Lithium ion battery unit 		AC adaptor 		

Appearance

