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COMBUSTIBLE GAS MONITORS

Portable Gas Monitors: Easy to carry-buzzer and lamp alert to danger

Combustible gas in the air (for explosion prevention)

FPA-5000E (for personal use/diffusion type)

Methane calibrated Model FPA-5000EM is also available.



FPA-5000E

Combustible gas in the air (for gas leak detection)

FPA-5200E (for personal use/diffusion type)

Point

- Buzzer and lamp alert when reached dangerous concentration.
- Compact size to fit to a belt or pocket for hands-free work.
- Power saving function for long time operation.
- Structure to prevent water and dust go in the sensor.
- Approval of intrinsically safe apparatus.



FPA-5200E

Poortable Gas Monitors: Detects leaked combustible gas for explosion prevention

Combustible gas in the air (for explosion prevention, iso-Butane calibration)

FM-620E (portable/suction type)

· Certified to Nippon Kaiji Kyokai (NK) type test

Combustible gas in the air (for explosion prevention, Methane calibration)

FM-621E (portable/suction type)

Point

- Delivers gas alarm and/or trouble with loud sound (above 90dB/10 cm).
- Delivers alarm with bright LED flickers, in operation (GREEN), alarm (RED), trouble (ORANGE).
- Large LCD display for easy reading.
- Powerful suction pump, fast response time.



FM-620E



FM-621E

Specification

Model	FPA-5000E	FPA-5200E	FM-620E	FM-621E
Measuring gas	Combustible gas in the air		Combustible gas in the air (calibrated as iso-Butane) (calibrated as Methane)	
Detection method	Catalytic combustion	Heat wire semiconductor	Catalytic combustion	
Sampling method	Suction type		Suction type (Approx. 0.6L/min with gas sampling tube with sampling probe (2.4m))	
Measuring range	0~100%LEL (※)	0~2,000ppm	0~100%LEL (※)	
Resolution	1%LEL	10ppm	1%LEL	
Detectable accuracy	±10%LEL	—	±10%LEL	
Alarm accuracy	±10%LEL	500ppm±50ppm	±10%LEL	
Alarm concentration	20%LEL	500ppm	20%LEL	
Alarm method	LCD, LED lamp and buzzer		LCD, LED lamp and buzzer alarm	
Response time	Within 25 seconds at 90% response	Within 25 seconds with test gas of 1.6 x alarm concentration	Within 25 seconds at 90% response from sampling gas inlet at 20°C	
Power supply	3xAA size alkaline battery		3x "AA" size alkaline battery (LR6)	
Continuous operation time	Approx. 16 hours		Approx. 8 hrs (no alarm)	
Explosion-proof	Exiad II CT4X (No.TC17118)		Exiad II CT4X (No.TC19587)	
Operating temperature	10~40°C; 30~85%RH (non-condensing)		-10~40°C; below 95%RH (non-condensing)	
Pressure range	—		80~110kPa	
Dimensions	105 (W)×56 (H)×29 (D)mm		78 (W)×200 (H)×50 (D)mm	
Weight	Approx. 170g (including batteries)		Approx. 550g (including batteries)	
Standard accessory	Softcase		Gas sampling tube with sampling probe (2.4m), leather case, carrying case	