

Gas Leak Checker and TLV Detector For Fumigation Gases

MODEL: SP-220, TYPE FUM

FEATURES:

Gas detected:

Ph3, MBr, CS2, MI, HCN, SO2F2, C2H4Br2

Yearly Calibration

Easy grip & Robust structure

Ingress proof IP 55, Protection rubber cover is available.

High speed low conc. reading

A new sensor can be detected a low concentration.

Data logging function available

Year/Month/Date/Time, Gas conc., Gas name. "256 data" recordable.

LED light available

Easy to measure gas leakage at a dark place.

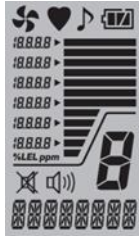
Measurement gas changeable

Easy to change target gas, and display.



• Wealth of information

Easy to confirm what is going on with SP-220



• Built-in LEDlight

It can help for measuring leakage at a dark place



• Ingress proof IP55

IP5X : Dust protected
IPX5 : Water Jets



Specification for Type FUM

Model	SP-220 TYPE-FUM (Fumigation)
Target gas	Refer to the gas list
Detection principle	Hot-wire semiconductor method
Sensor	SH-8662
Measuring range	Depends on target gas
Alarm set point	Depends on target gas
Accuracy	Displays 0.1 ppm-bar when applied PH3 0.3 ppm.
Alarm pattern	Gas alarm : Gas concentration reached or over the setting point. Trouble alarm: Sensor connection / breaking, Low battery, Low flow Circuit error, Calibration error
Alarm method	Non-latching
Display of alarm	Gas alarm: Flashing LED, Buzzer Trouble alarm: Flashing LED, Buzzer, Display of error message
Alarm delay time	0 sec.
Sampling method	Sample draw
Response time	10 sec.: Time to reach 0.1 ppm when applied PH3 0.3 ppm.
Output signal	IrDA
Switch	[AIR] [MODE] [POWER]
Display device	LCD
Display contents	Gas name, Gas concentration, Time, Battery, Pilot indicator, Pump driving indicator
Power source	2 AA dry cell batteries
Continuous operation	More than 12 hrs.
Operating temp. & humidity	-20~+55° C (-4° F~+131° F), 0~95%RH (Non-condensing)
Dimension & weight	200mm(H) x 43mm(D) x 47mm(W) (Taper nozzle not included), 215g
Ingress proof	IP 55
Function	Manual LCD backlight (Automatically ON when alarming), Peak value, Snap logging, Time, Cal alarm

• SP-220TYPE-FUM GAS LIST

No.	Gas name	Display	Conc. Display1 (ppm)	Display2 (ppm)	Display3 (ppm)
1	Phosphine	PH3	0.1	2	4.5
2	Methyl bromide	CH3Br	1	20	100
3	Carbon disulfide	CS2	0.1	-	-
4	Methyl iodide	CH3I	1	10	30
5	Hydrogen cyanide	HCN	1	-	-
6	Sulfuryl fluoride	SO2F2	-	-	800
7	Ethylene dibromide	C2H4Br2	1	10	30

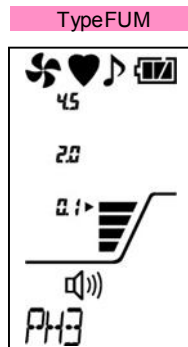
• Standard accessories

- Hand strap
- Taper nozzle
- Protection rubber cover
- 2 x Alkaline battery

• Gassensitivity & Display

TLV Ph3: 0.3 PPM

MBr: 5 PPM



TRITECH

121, Veena Industrial Estate
Opp. Fitwell House, LBS Marg
Vikhroli (West), Mumbai-400083
INDIA

PH : 91-22- 67969990, 25777288

FAX : 91-22-67969991

Email : sales@tritech.in, info@tritech.in