SP2nd

O2, CO, H2S, SO2, H2

- Rubber material case for shock protection
- Water Proof/dust proof structure
- High performance audible(95dB), visual, vibration alarm
- Setting High, Low, STEL, TWA and the alarm function
- Automatic checking function of the sensor trouble
- Compact and lightweight
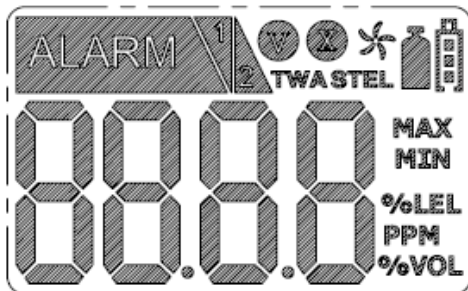- Comes with stainless-steel alligator belt clip and test cap

- Workplaces
  - Steelworks
  - Petrochemical plant
  - Shipbuilding yard
  - Sewage treatment plant
  - Mine
  - Power supply works
  - Hermetically sealed area(manhole, tank)

Portable gas detector which has been designed to protect the safety of workers in dangerous work places. It operates for 24 months and more without replacing a battery or sensor. It is extremely small lightweight and is low priced. The small size and light weight make the SP2nd ideal for personal use. If the concentration of gas reaches a dangerous level, the SP2nd automatically makes vibration as well as visual and audible alarms. For the convenience of the users, a high-quality microprocessor is installed and contains automatic zero-calibration function and easy span-calibration function. The loud audible alarm, vibration alarm and high-brightness Backlight are easily recognized.

Specification

Item	Description				
Model No.	SP2217	SP2227	SP2257	SP2277	SP2297
Gas monitored	O_2	CO	SO_2	H_2	H_2S
Sensor range	0~30%	0~500ppm 0~1,000ppm	0~20ppm 0~100ppm	0~500ppm 0~1,000ppm	0~100ppm 0~200ppm
Low alarm level	19.5%	30ppm	2ppm	100ppm	10ppm
High alarm level	23.5%	60ppm	4ppm	500ppm	20ppm
Product name	Portable Single Gas Detector				
Model name	SP2nd				
Protection Type	ATEX ⟨Ex⟩ II 1 G Ex ia IIC T4 IP67				
Electrical Data	3V CR2 battery manufactured in Panasonic or 3V CR2 battery manufactured in Duracell				
Case	TPE covered Poly Carbonate(PC)				
Dimensions	91mm × 54mm × 31.6mm				
Weight	120g				
Display	Graphical icons for easy use. Segmented display for direct gas readings. Backlight for low Light conditions. Peak reading indication.				
Alarms	User selectable low and high alarms. Ultra bright LEDs. Buzzer (more then 90dB) alarm. Vibrating alarm.				
Battery/Runtime	3V, CR2 lithium battery. 4,500 hour run time (minimum).				
Temperature	-20°C to 50°C				
Humidity	10% to 95% RH				
Buttons	Two("Arrow" and "OK")				

LCD display

V — Safety Area indicator
X — Test Failure
1 — First alarm
2 — Second alarm
MAX MIN — Max or Min Peak value

TWA STEL — Time average level Alarm
✳ — Fresh air calibration
🍶 — Single gas calibration
🔋 — Show Battery

Clean Rooms | Pharma | Hospital | HVAC | BulkDrugs | Chemicals | Heavy Machinery | Hydraulics | Vacuum Industry
Green House | Server Room | Confined Space | Cold Storage