

SP-Pump Ex NEW

Explosion-proof Sampling Pump



DESCRIPTION

The SP-Pump Ex is an explosion-proof sampling pump designed to expand the gas sampling capability of compatible portable gas detectors. It enables reliable remote sampling from confined spaces, tanks, pipelines, and other hard-to-reach locations while maintaining accurate gas detection performance.

Featuring a rechargeable Li-ion battery with over 30 hours of continuous operation at 25°C (300 mL/min), adjustable flow control, and an IP66-rated enclosure, the SP-Pump Ex provides dependable performance in demanding industrial environments. Its compact and lightweight design ensures easy handling for daily field inspections.

KEY FEATURES

- Explosion-proof design for hazardous areas
- Remote gas sampling up to 23 m
- Adjustable Flow Rate (Up to 500 mL/min)
- Rechargeable Li-ion battery
- 30+ Hours of Continuous Operation
- IP66 protection
- Compact, lightweight, and durable construction
- Three-color LED status indicators
- Simple two-button operation

SPECIFICATION

Model	SP-Pump Ex
Flow Rate	Maximum 500 mL/min
Alarm Indications	Flow LED(Red/Green), Battery Low LED(Red), Charge LED(Red/Green/Yellow), Buzzer
Buttons	2-Button (Power / Mode)
Operating Temperature	-20°C to +50°C
Charging Temperature	0°C to +45°C
Storage Temperature	0°C to +30°C
Operating Humidity	15% ~ 90% relative humidity, non-condensing
Battery	Rechargeable lithium-ion battery
Continuous Operating Time	30 hours or more at 25°C, based on a flow rate of 300 mL/min
Charging Time	4 hours
Sampling Line	Max. 23 m
Materials	PC, TPU, SUS304
IP Rating	IP66
Dimensions	51 × 182 × 37 mm / 2.01 × 7.17 × 1.46 inches (W x H x D)
Weight	218 g / 7.69 oz
Warranty Period	1 year
Certification	In progress