



Technical Specifications *

Accuracy:	< 2% of FS range under constant conditions
Analysis:	0-20, 0-50, 0-100 PPM FS ranges; Auto-ranging or manually lock on single range
Application:	Trace PPM H ₂ S in flowing gas streams
Approvals:	None; UL and ATEX certifications pending
Area Classification:	Meets intrinsic safety standards for use in Class 1, Division 1, Group C, D hazardous areas
Alarms:	None
Calibration:	Span gas 50-100 PPM H ₂ S balance air
Compensation:	Barometric pressure, temperature not required
Connections:	1/8" compression tube fittings
Controls:	Water resistant keypad; menu driven range selection, calibration and system functions
Display:	Graphical LCD 2.75" x 1.375"; resolution .1 ppm; displays real time ambient temperature and pressure
Enclosure:	Painted aluminum NEMA 4X, 4x9x3", 8 lbs.
Flow Sensitivity:	Maintain constant flow; 0.5 SCFH recommended
LED Indicators:	LOW BATT (72 hr. warning); CHARGE mode
Linearity:	±1% of full scale range
Pressure:	Inlet - regulate to 5-30 psig to deliver constant 0.5 SCFH flow rate; vent - atmospheric
Power:	Rechargeable battery, 60 day duty cycle
Response Time:	90% of final FS reading in 90 seconds
Sample System:	Coalescing filter, flow meters and integral sample pump
Sensitivity:	< 0.5% of FS range
Sensor Model:	OSV-72-B1 (standard ranges)
Sensor Life:	24 months at 25°C and 1 atm
Signal Output:	0-1V
Temp. Range:	-10°C to 45°C
Warranty:	12 months analyzer; 12 months sensor
Wetted Parts:	Stainless steel



GPR-7100 Portable PPM H₂S Analyzer

Rechargeable Battery Power

Meets Intrinsic Safety Standards
Sensitivity 0.5% Full Scale
3 Ranges Standard
Auto Ranging or Single Fixed
Integral Sample Pump
0-1V Signal Output
Operable During Recharging

Optional Equipment

Sample conditioning systems - Contact factory for details
Ranges: 0-500, 0-1000, 0-2000 PPM FS ranges (OSV-72-BE sensor)

* Subject to change without notice

ISO 9001:2008 Certified
INTERTEK Certificate No. 485

