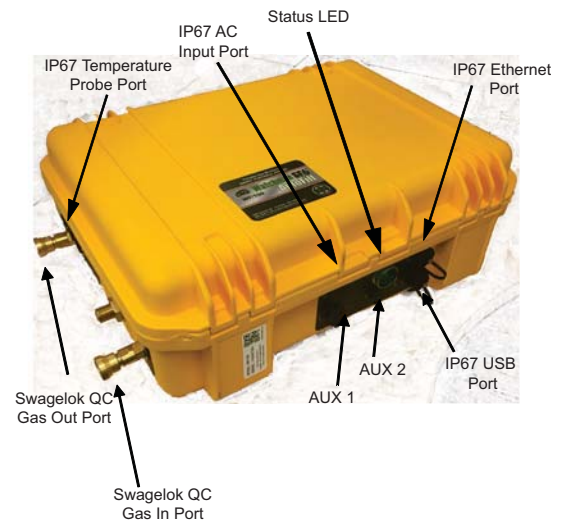


WATCHMAN SF₆ AUTOFILL SPECIFICATIONS



Portable Gas Monitoring
SMART. PORTABLE. PRECISE.

Operating Temperature Range	-40°F to 140°F (-40°C to 60°C)
Gas Type	Selectable, pure gas or gas mix - user configurable
SF6 Density Range	0 to 53.0 kg/m ³ at 20°C
N2 Density Range	0 to 9.1 kg/m ³ at 20°C
SF6 Density Resolution	0.04 kg/m ³ at 20°C and 80 psig
N2 Density Resolution	0.007 kg/m ³ at 20°C and 80 psig
Main Enclosure	Polypropylene Material, IP67
Size	19" x 17" x 7" (49 x 36 x 18 cm)
Weight	25 lb. (11 kg)
Temperature Sensor	Moisture proof encapsulated thermistor 10 ft. (3.04) coaxial cable IP67 circular connector Polypropylene insulated isolation block EPDM foam cable insulation Heavy duty polypropylene tank retention strap (-60°F to 180°F (-50°C to 80°C) 0.03°C resolution at 20°C 1°C accuracy at 20°C
Pressure Sensor, Breaker Side	0 to 100 psi measurement range ±0.03 psi resolution ±1 psi accuracy 200 psi overpressure tolerance
Pressure Sensor, Supply Side	0 to 300 psi measurement range ±0.1 psi resolution ±3 psi accuracy 600 psi overpressure tolerance
Gas Hose	Gas hose, supply and breaker 10 ft. x 3/8" OD Parker Parflex hose, abrasion-resistant jacket, Swagelok QC quick connect Male to Female DESO fittings with integrated flow control
Data Ports	USB Ethernet
Data Retrieval	USB Flash Drive Web Browser Wireless Network (optional)
Power Requirements	103.5 VAC to 126.5 VAC, 50 to 60 Hz 60W Maximum
Power Cord	14-3 cable, NEMA 5-15R to IP67 circular connector
Secure Access Module (SAM)	Connects to Density Module providing secure encrypted network connection including WiFi and available 3G/4G/LTE wireless data retrieval
Communication Module	Provides secure encrypted network connection including WiFi and available 3G/4G/LTE wireless data retrieval



ISO 9001:2008 CERTIFIED



Patents and Patents Pending
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Rev. 8/11/16

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