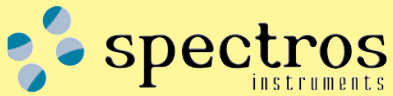


Phosphine Monitoring

U P D A T E



17D Airport Road
Hopedale, MA 01747
Tel: 508-478-1648
www.SpectrosInstruments.com

Phosphine Fumigation

Features

Superior Infrared Technology

0-10,000ppm (1%) Options

Multiple Sample Lines

Wi-Fi (Cellular, Satellite), Ethernet, PLC Integration

PM400

Multi-Zone PH₃
Fumigation Monitor



Continuously monitor multiple fumigation points using advanced infrared technology and the latest in network communication protocols.

Spectros Instruments' PM-400 rugged modular design delivers unmatched performance for critical Phosphine Fumigations. The user may monitor multiple locations on-site or remotely via a secure encrypted web portal.

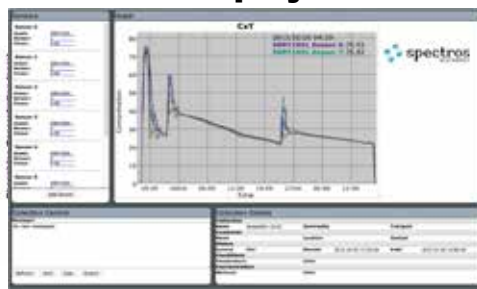
Phosphine Concentration Values for each zone may be viewed in real time and:

- stored onboard, printed later
- transmitted to the internet and viewed on a secured server or smartphone
- downloaded to a personal computer
- used to indicate alarm/action levels

Monitor



Display



Transmit



Alarm



Cell Phone



Internet

Phosphine Monitoring

SOLAR POWERED



PM-400 Specifications

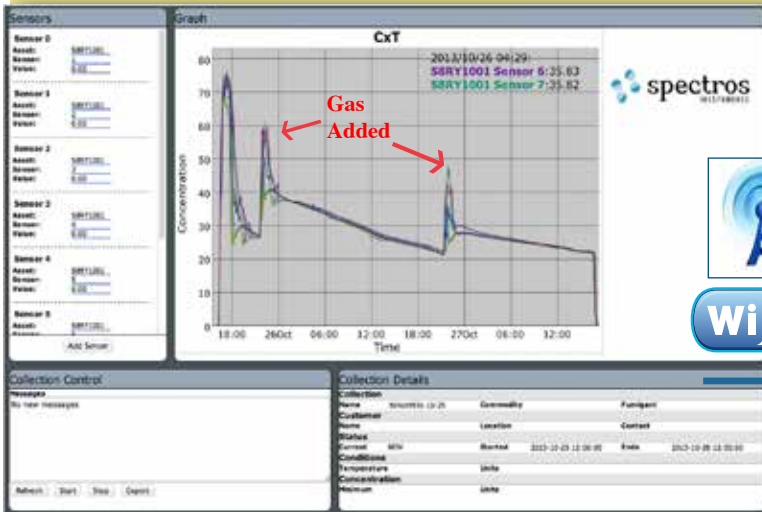
- Coverage - 4 zones standard (8,12,16 zone options)
- Detector - NDIR (Non-Dispersive Infrared)
- Measuring Range PH₃ - (0-10,000ppm) options
- Size/Weight - 22”H x 14”W x 6”D, 16lbs.
- Sampling-Automatic or Manual
- Monitoring Distance - 500ft./150meters (sample + exhaust)
- Operating Temperature - 32° to 122°F
- AC Power - 100 to 240VAC. 50/60Hz, 20W
- Altitude Limit - 6,562 ft. (2,000m)

Continuous measurement of phosphine in containers, silos, and ships. The PM-400 provides real-time fumigation data at:

- Smartphone/Hand-held Device
- PC/Internet
- Plant Controller (PLC) Integration
- PM400 LCD Screen



Answers and Proof



Wi-Fi

