

**UNIPHOS
FUMISENSE TRI-GAS MONITOR**

**PH₃
+
MBr/
SO₂F₂**



UNIPHOS FUMISENSE TRI-GAS MONITOR

The UNIPHOS FUMISENSE is a microprocessor based Tri-Gas monitor for field determination of fumigation concentrations of Phosphine and Methyl Bromide or Sulphuryl Fluoride (Vikane / ProFume). It is very important to determine the concentration of the fumigant during the fumigation process. There can be a loss of fumigant due to absorption or leakage and steps will have to be taken to ensure fumigation is adequate. It may mean resealing the enclosure, adding more fumigant or increasing the exposure period. To ensure the efficacy of fumigation it is essential to monitor the PH₃ / MBr / SO₂F₂ concentration within the fumigation cover.

The FumiSense is an accurate and durable instrument developed specifically for fumigation monitoring. No single instrument can measure the fumigants at both parts per million-level and percentage level required for different applications.

FEATURES

- Ranges: PH₃: 0 – 2000 ppm
MBr: 0-200 g/m³
SO₂F₂: 0-100 g/m³
- Individual pumps and gas paths for PH₃ & MBr/SO₂F₂
- Advanced Microprocessor based instrument
- Datalogging capability with date / time / gas value
- Logged data can be conveniently downloaded to a computer using our FumiSoft data-downloading and analysis software
- Portable printer option for on-the-spot report printing

Due to continuing development we reserve the right to change specifications without prior notice.



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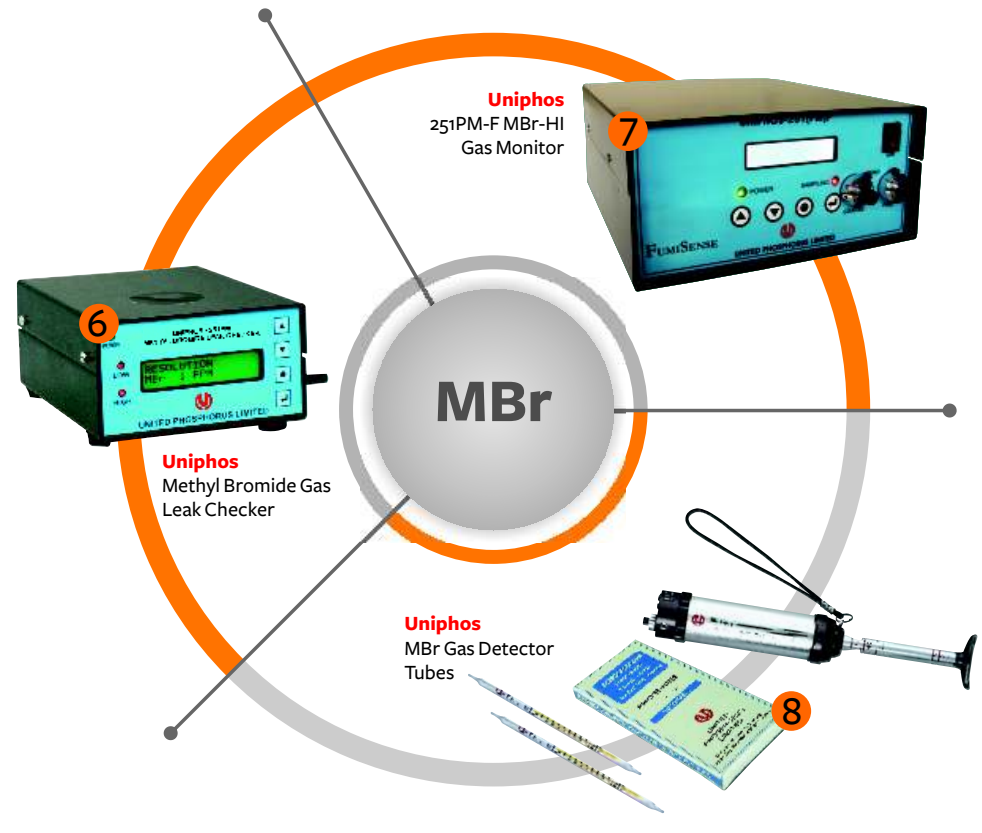
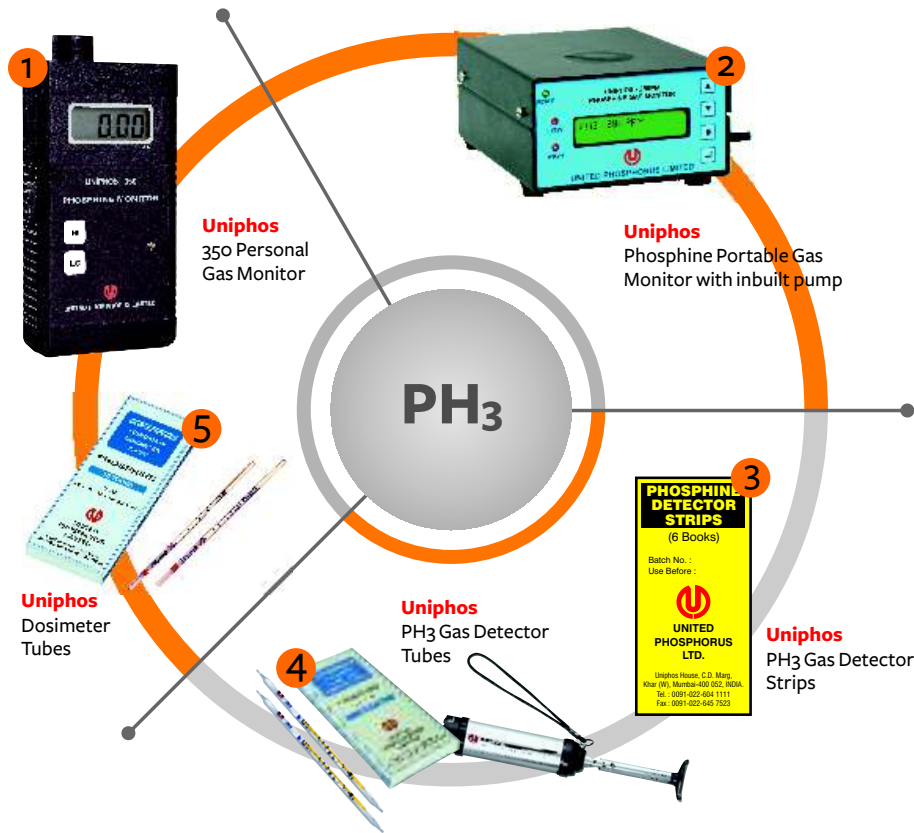
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UNIPHOS FUMIGATION EQUIPMENT

Your **One Point Source** for all your Fumigation needs...





1 UNIPHOS 350 PH₃-Lo GAS MONITOR

For the detection of PH₃ gas in very low concentrations (Min. Detectable limit of 0.01 ppm). Used to protect workers during the fumigation operation, as well as to detect small leaks from the fumigated chamber.

FEATURES

- Range: 0 - 20 ppm
- Resolution: 0.01 ppm
- Easy to read LCD display
- Long sensor life

2 UNIPHOS 250PM PH₃ PORTABLE MONITOR

Uniphos 250PM Phosphine Portable monitor provides an excellent means to measure PH₃ concentration within the fumigated stack / Silo / Ship. The inbuilt powerful electronic air sampling pump enables one to draw a sample from within the fumigated area and determine whether uniform PH₃ concentration has built up.

FEATURES

- Range: 0 - 2000 ppm
- Resolution: 1 ppm
- Microprocessor based with LCD display
- Data logging capability with date / time / gas value
- Portable printer option for on-the-spot report printing

3 UNIPHOS GAS DETECTOR STRIPS

To be given to the workers as badges when they are working in/ near fumigated stacks.

FEATURES

- Range: 0.3 - 10 ppm
- The simple and cost effective method of detection
- No other chemicals or solution required
- Sharp colour change or exposure
- Easy to handle. No technical skill required
- No other expensive accessories required

4 UNIPHOS PH₃ GAS DETECTOR TUBES

Uniphos Gas Detector tubes present an ideal Phosphine Detection System for the spot checking of Phosphine concentrations around and in the fumigated area. Detection is possible in the safety range of 0.1/0.3 ppm as well as in the fumigation concentration range of 500 to 2000 ppm.

FEATURES

- Ranges: 0.05 - 2.5 ppm
- 5 - 100 ppm
- 50-1000 ppm
- Simple to use and accurate

5 UNIPHOS DOSIMETER TUBES

Uniphos dosimeter tubes present a unique method to determine the adequacy of Phosphine fumigation with a single measurement.

FEATURES

- Ranges available: (1- 20) x 103 ppm hrs (1-200) x 103 ppm hrs
- Clear boundary & good colour contrast
- No sample draw pump required
- A single measurement gives the total PH₃ dose in ppm hours
- Average PH₃ concentration during fumigation can also be inferred

6 UNIPHOS 251PM MBr-Lo GAS MONITOR

For the detection of MBr gas in the safety level of 5 ppm. Used to protect workers during the fumigation operation, as well as to detect small leaks from the fumigated chamber

FEATURES

- Range: 0 - 200 ppm
- Resolution: 1 ppm
- Backlit LCD display
- Powerful inbuilt sampling pump for quick detection of leaks
- Datalogging capability with date / time / gas value

7 UNIPHOS 251PM-F MBr-Hi GAS MONITOR

For monitoring of MBr concentrations within the fumigated chamber at the fumigation concentration levels of 20 to 70 g/m³

FEATURES

- Range: 0-200 g/m³
- Resolution: 1 g/m³
- Powerful inbuilt sample-draw pump
- Datalogging capability with date / time / gas value
- Logged data can be conveniently downloaded to a computer using our FumiSoft data-downloading and analysis software
- Portable printer option for on-the-spot report printing

8 UNIPHOS MBr GAS DETECTOR TUBES

Gas Detector Tubes are also available for the detection of MBr in the low range, for checking of MBr concentrations around the fumigated chamber.

FEATURES

- Ranges: 1-18 ppm
- 10-100 ppm
- 50-1000 ppm
- Simple to use and accurate