

FumiMate

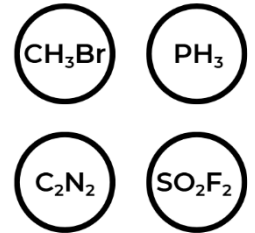
4-12 Channel Fumigation Monitor

- Measures and monitors up to 4 fumigation gases
- Measures up to 12 sample ports consecutively
- Manage multiple jobs in run/suspend mode (up to 99) or a single job running continuously
- Complete job management system & reporting
- Email finalised job data report to nominated recipients
- Save all job data electronically
- Built-in sample pump
- Continuous operation 25+ hours on battery
- Bluetooth and WiFi enabled
- Lightweight and portable
- GPS location
- FumiConnect IoT subscription options available (**fees apply*)



APPLICATIONS

- Grain
- Shipping Containers
- Vessels
- Timber



OVERVIEW

The FumiMate is available in two configurations:

- 4 Channel instrument - ideal for small independent operators running single jobs;
- 12 Channel instrument - suited to larger fumigations where multiple fumigation lines are required to be monitored.

The FumiMate is a 4-12-channel fumigant monitoring instrument with a powerful, user-friendly integrated fumigation job management system that securely manages, collects, processes, and reports all required fumigation data.



www.controlequipment.com.au

www.industrialhygienehub.com.au

Brisbane Office
1/3 Deakin Street
Brendale QLD 4500
Australia
Ph: +61 7 3481 9000

Perth Office
5/30 Enterprise Cres
Malaga WA 6090
Australia
Ph: +61 8 6184 7840

sales@controlequipment.com.au

Gases measured	Methyl Bromide (CH ₃ Br) in air	(0-200oz/1,000 cu.ft.)	0-200g/m ³
	Phosphine (PH ₃) in air	(0-50oz/1,000 cu.ft.)	0-50g/m ³
	Sulfuryl Fluoride (SO ₂ F ₂) in air	(0-200oz/1,000 cu.ft.)	0-200g/m ³
	Cyanogen (C ₂ N ₂) in air		0-50g/m ³
	Cyanogen (C ₂ N ₂) in air		0-300g/m ³
Detection principle	Optical Interferometric		
Sampling method	Sample-draw by internal pump		
Sample input options	4 sample points or 12 sample points		
Job management	Integrated FumiNav management system collects data without operator input		
Job monitoring	Continuous or multi-job handling (up to 99)		
Job reporting	Data is electronically reported via transmission on job completion		
Display	200mm (8") touchscreen		
Filters	Refillable Soda Lime CO ₂ filter supplied as standard		
Power supply	• Rechargeable battery for 25+ hours operation • Continuous operation when connected to 85 - 264 VAC 50/60 HZ		
Environmental	0°C ~ +50°C [32°F ~ 122°F]; 0-95% RH (non condensing)		
Enclosure	Polypropylene		
Dimensions	W 417mm / 16.4" D 221mm / 8.7" H 334mm / 13.2"		
Weight	8kg / 18lb		
Warranty	12 months		

Any one of 4 common fumigation gases can be selected by the operator for the specific job application. The FumiMate is available in either a 4-channel configuration or a 12-channel configuration. The measurement time for each sample point in the job sequence is selectable by the operator. FumiMate's rugged design enables it to be used in most applications, including challenging field environments. It is operator-friendly and very portable.

The FumiMate can operate for over 25 hours on a single battery charge. All variables can be selected via the touchscreen on the FumiMate. Up to 99 fumigation jobs can be set up prior to commencement of fumigation.

Once the fumigation process is initiated, the operator can pause a job, switch to another, and initiate a new fumigation. The instrument can be returned to each job multiple times to collect additional data. The instrument can also be run continuously on one job to record the entire fumigation process. At the end of each fumigation, the operator concludes monitoring, and a complete fumigation report can be emailed to selected recipients.



FUMIMATE REPORTING OPTIONS

FumiMate can be configured to suit the level of connectivity and reporting each job requires, from fully standalone operation through to real-time cloud monitoring. Three levels of operation are available:

1. Standalone (No Subscription Required)

FumiMate operates as a complete standalone instrument, with no ongoing subscription cost. It manages and records the full job locally. At the end of the job, the results can be downloaded and exported (e.g. to an Excel spreadsheet) for record-keeping and analysis.

Best suited for: operators who don't require remote visibility during the job. The instrument has local indication of live data. Full job data is available for download once fumigation is complete.

2. Data Subscription (FumiConnectData)*

With a FumiConnectData subscription, FumiMate transmits job readings directly to a third-party system of the customer's choice, such as BIERs, GoFumig8, or a company's own server. This allows job data to flow straight into existing reporting or compliance platforms, without manual downloads or file handling.

Best suited for: operators who already use a third-party fumigation management system and want FumiMate's readings to feed directly into it.

3. Full IoT Subscription (FumiConnectIoT)*

A FumiConnectIoT subscription unlocks the complete FumiMate experience. Readings are transmitted to a cloud dashboard, providing real-time visibility into the job as it progresses from any location. All data is stored in the cloud (for up to 180 days) for post-job analysis, auditing, and reporting, reducing the need for site visits and enabling faster response if levels move outside the target range.

Best suited for: operators who want full remote visibility, live alerts, and long-term data storage for compliance and auditing.

Comparison Table

Feature	Standalone	FumiConnectData*	FumiConnectIoT*
Subscription required	No	Yes	Yes
Local logging & app interrogation	✓	✓	✓
End-of-job data export (e.g. Excel)	✓	—	✓
Transmits to third-party system (BIERS, GoFumig8, company server etc)	—	✓	—
Real-time cloud dashboard	—	—	✓
Live remote monitoring during job	—	—	✓
Post-job cloud storage & analysis	—	—	✓

Note: * FEES APPLY - Each instrument requires its own subscription.