

FEATURES

The Dioxygen & Fumigation Sensor employs electrochemical technology. Fumigation in warehouse, release toxic Phosphine gas during which human entry should be prohibited. Levels of toxicity is sensed by fumigation sensor. Post fumigation normal air quality can be determined from dioxygen sensor readings.

TECHNICAL SPECIFICATION

Vibes - Fumigation	
Power Supply	USB Powered (Type - C) / 24V DC
Processor	32-bit 144 MHZ ARM Cortex M4F processor
Connectivity	Wired - RS485, Wi-Fi - HTTP / MQTT / any other
Antenna	Internal antenna with 2.5 DBI max gain
Operating temperature	-40°C ~ +85°C
Ingress Protection	IP 54
Sensors Specification	
Range	0 - 20ppm
Maximum overload	100 ppm
PH3 Sensitivity	800 - 2000nA/ppm
PH3 Zero in air at 20°C	< ±0.5 ppm
PH3 Resolution	0.1 ppm
Response time, t90	<60 s



Firmware & Wireless Communication Features:

- Transmit the value either wired and wirelessly through RS485 and HTTP/MQTT endpoint.
- Firmware can be updated for HTTP/MQTT Endpoints on Azure /AWS or as required by OEM.
- Firmware can be also modified remotely via FOTA.
- Configurable through App to wireless network of your choice assigning network credentials requiring both username and password.
- Configure Endpoint Server Credentials through App
- Instantaneous values and Device performance can be monitored by App by force logging to the device.

Vibes Configurator App

Data View

If Used on Wi-Fi

If Used on RS-485

DIMENSION DETAILS

