

# Canary SILO•SAFE



## Personal Phosphine Monitor

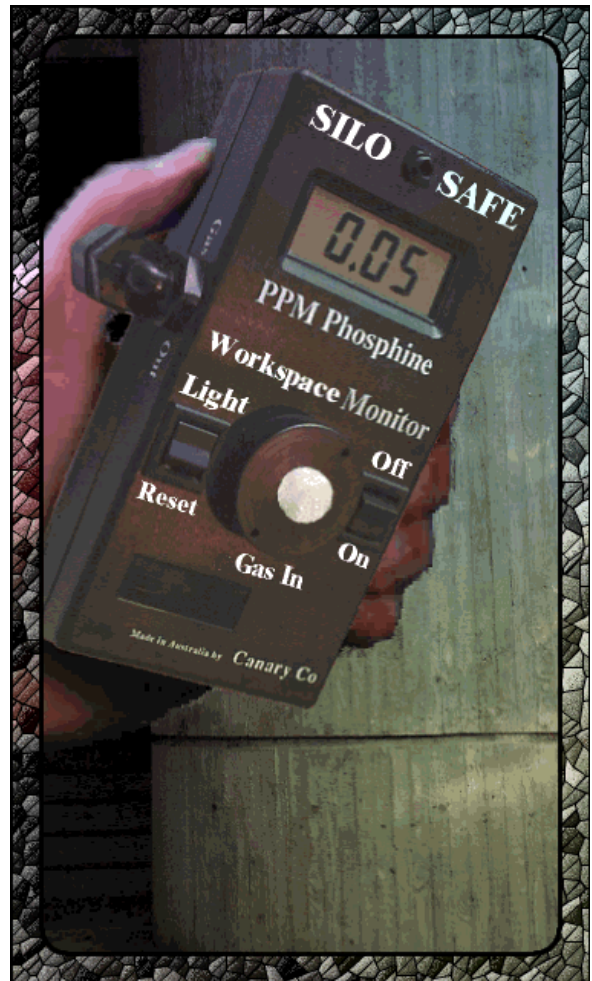
SILO•SAFE Personal Phosphine Monitor is designed and built in Australia to detect very low levels of phosphine ( $\text{PH}_3$ ) that may pose a toxic risk around grain storage facilities.

SILO•SAFE is easy to operate with high accuracy and selectivity to phosphine. The sensing element is not interfered with by co-existing substances.

SILO•SAFE is robustly built into a small ABS enclosure with a large easy to read LCD display. It's response is linear to phosphine gas.

SILO•SAFE is supplied ready for use in a leather pouch with belt loop together with manual aspirator, calibration tool, 9VDC alkaline battery and instruction manual.

SILO•SAFE data logging option is available with 'Easylog™ Software' and PC interface cable for Windows.



- Standard manual aspiration OR
- Personal diffusion sampling
- Simple to operate
- High accuracy sensor
- Nil interference to CO
- Back lit digital display
- Economical to maintain
- Rugged ABS case
- LCD / LED low battery warning
- Calibration kit available

**LOW COST - HIGH ACCURACY - LOCAL MAINTENANCE**

The Canary Company Pty Ltd (+ 61 2 9418-6666)

SILO•SAFE has been factory calibrated directly in PPM's Phosphine using a traceable gas standard and is supplied with a certificate valid for 6 months in normal operation.

SILO•SAFE is suitable for use with the latest fumigation systems available. It will display down to 0.01ppm even when carbon monoxide may be present in grain which has been stored for several months.

SILO•SAFE will pay back the grower quickly when used frequently during fumigation "on-farm" by allowing the grower to minimise the amount of gas used whilst maximising efficiency of the process.

SILO•SAFE can easily be checked for calibration in the field using the optional accessories kit or returned to the manufacturer's authorised agent.

### **Specifications**

Standard Ranges:	0.01 - 9.99ppm Phosphine
Sensor Life Expectancy:	approx. 2 years
Warranty:	Full 12 months
Calibration Intervals:	6 monthly (recommended)
Temperature Range:	- 20 to + 55 °C (intermittent duty)
Response Time:	90% of full scale in just 30 seconds
Size:	145H x 80W x 24D mm (5.7 x 3.15 x 1 inches)
Material:	Robust Plastic Polycarbonate Case
Display:	Large 13mm 3½ Digital LCD
Power Supply:	9VDC Alkaline battery
Alarms	0.30ppm non-latching 1.00ppm latching

Note: Refer to Instrument Manual for further details

### **BEWARE - DO NOT USE FOR FUMIGATION CONCENTRATIONS:**

SILO•SAFE has been manufactured to detect low level concentrations of Phosphine up to 9.99 ppm PH<sub>3</sub>. For fumigation applications contact your distributor about the Canary portable Phosphine monitor SILO•CHEK .

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