



Canary 'SILO•CHEK3'

Portable Phosphine 'Plus' Dual Detection Monitor



SILO•CHEK 3 Phosphine Monitor is proudly designed and built in Australia to detect & accurately measure the chemical dosing of phosphine and other fumigation chemicals required to store horticultural commodities

SILO•CHEK3 is easy to operate with high accuracy and selectivity to phosphine 'plus' one other new fumigant gas technology sensor. Sensor readings are not interfered with by usual co-existing substances ie: CO which previously caused reading errors in some fumigant monitors.

SILO•CHEK3 is robustly built into a handheld portable ABS enclosure with a large easy to read multi-color LCD display. The new upgraded 3000ppm PH3 sensor range is linearised to gas during calibration traceability testing via four separate calibration reference points.

SILO•CHEK3 is supplied ready for use in a padded backpack with shoulder straps together with strong automatic sample-draw pump and twin in-line dust/moisture filter elements, 6mm tubing connector, dust filter, calibration tool, re-chargeable NiMH battery with mains wall plug-pack, spare filter cartridge and instruction manual.

FEATURES:-

- * Three models now available with Phosphine
- * Second sensor selection: O2, CO2 and MeBr
- * Economical and reliable to maintain
- * Automatic sample & measure
- * Bright color display of both gases
- * Standard rechargeable NiMH battery
- * Rugged ABS handheld case
- * More fumigants under development
- * Simple green LED's to operate
- * Easily calibrated in the field
- * High accuracy sensors
- * Red LED low battery warning

LOW COST- HIGH ACCURACY- LOCAL MAINTAINANCE

The Canary Company Pty Ltd
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SILO•CHEK3 has been calibrated at manufacture directly in PPM's Phosphine using a combination of internationally traceable gas standards and is supplied with a CALCERT certificate of calibration which is valid for 6 months of normal use.

SILO•CHEK3 is currently available in three models. Other sensor options for detection and measurement of NEW FUMIGANTS are under development by Canary.

SILO•CHEK3 is suitable for use with the latest fumigation systems available and will read accurately down to 1ppm PH3 even when carbon monoxide may be present in grain which has been stored for several months.

SILO•CHEK3 will pay back the grower quickly when used frequently during fumigation either "on-farm" or at the terminal, by allowing the grower to minimise the amount of tablets or gas used to maximise the efficiency of the fumigation process.

SILO•CHEK3 can easily be checked for calibration in the field using the optional gas bottle and regulator accessory or by returning SILO.CHEK3 for service to a manufacturer authorized agent.

Specifications

Standard Ranges:	3000ppm PH3 Phosphine & 25% Oxygen or 150g/M3 Methyl Bromide
Sensor Life Expectancy:	12 Months for PH3
Warranty:	12 Months (limited)
Calibration Intervals:	6 Months (recommended) use
Temperature Range:	Min. -20 to +55 °C (intermittent duty)
Response Time:	90% of full scale in just 30 seconds
Size:	220H x 120W x 60D mm
Material:	Robust Plastic Polycarbonate Case
Display:	Simultaneous dual-display of gases on large color LCD.
Power Supply:	Rechargeable NiMH Battery.

BEWARE - DO NOT USE 'SILO.CHEK3' FOR SAFETY APPLICATIONS:

'Silo•Chek' has been manufactured to detect fumigation level concentrations of gas eg: above 1 ppm PH3 phosphine. For safety applications contact your Canary distributor about personal workspace monitor and alarm units or the Canary 'Silo.Safe-V' clearance monitor with internal pump.

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