

Triple Plus+ and Triple Plus+ IR



Triple Plus+

Overview

- Introduction
- Features and Benefits
- Operation
- Accessories
- Competitors
- Datasheet Review
- Summary



Introduction

- 1-4 Gas Monitor – pump optional
- Interchangeable sensors – Widest variety of gases detectable
- Large four gas display
- Loud audible alarm
- Bright visual alarm
- Renowned for it's robustness and reliability – 80,000 shipped
- Comprehensive user menu
- Full timed data logging
- Event annotation of data file
- User and site names logging
- Flammable gas correction factors



Features and Benefits

Feature	Benefit
Interchangeable sensors	Ease of service
Triax casing & robust	Fit for purpose
Simultaneous top mount display	Visual re-assurance
Quick Cal	Fast standard gas calibration (CO, H ₂ S & CH ₄ – checks O ₂)
Maintained 'Triple' branding	Legacy sales wins due to specified criteria



Triple Plus+

Operation

- Start up

- press until red LED illuminates



- Sounder

- press right button to accept



Triple Plus+

Operation

- Zero Clean air? Yes to confirm



- Right Full access to status screens
- Cal Menu options
- Light Backlight
- On On / off with right button

Operation

- Data and Event logging
- Adjustable sample rate
- 100hrs @ 1-minute rate
- 6000 data points per channel
- Logs events, user and site



Accessories

- Carry case
- Pump, flow adapter and 1m tubing
- Drop-in charger and interface charger
- Belt and waist strap
- Shoulder strap
- Water trap/filter
- 1m metal probe and telescopic probe (options)



LIBRA (Lithium Ion Battery Replacement Assembly)

- Launched In 2010
- Information sheet created to assist
- Opportunity to contact existing user base
- Datasheet on web and translated includes detail
- IP is not adversely affected by LIBRA
- Standard in all new units
- Quick and easy replacement to improve performance



Further Information



Triple Plus+ & Triple Plus+ IR

Portable Gas Detection Equipment



- Clear and unambiguous
- Simple to customise
- Durable
- Easy to maintain
- IR option available



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Portables

- Range Overview
- Crowcon Bump & Calibration Gas
- Gas-Pro PID
- Gas-Pro
- Crowcon Clip
- Detective+
- Detective Wireless
- Gasman
- Tetra 3
- I-Test & I-Test Manager
- Tetra
- Triple Plus+
- Laser Methane mini range

Triple Plus+

Iconic Multigas Portable Monitors with IR option



Triple Plus+ is the latest generation of the respected 'Triple' family of toxic, oxygen and flammable gas detectors. With over 90,000 units sold to oil and gas, chemical, utility and manufacturing companies worldwide, their combination of ruggedness, reliability, ease of use and sensor flexibility has set the standard for multigas portables.

Today's TriplePlus+ builds on this pedigree by inclusion of unique LIBRA lithium-ion battery technology and the option of infrared (IR) sensors for the measurement of flammable hydrocarbons or carbon dioxide.

Intrinsically safe, the Triple Plus+ provides enhanced facilities for safety and detector fleet managers including selection of flammable gas correction factors (so one unit can be used in several locations across a site) and annotation of the data file with user names and site names selected from pre-configured files in the unit.

IR sensors have very high resistance to interference or inhibition by other gases and are suitable for both high gas concentrations and use in inert (oxygen free) backgrounds where catalytic pellistor sensors would perform poorly.

The unique design of the Crowcon IR sensor module used in Triple Plus+ IR allows measurement of hydrocarbons at both %LEL and % volume ranges making this instrument ideal for tank and line purging applications.

Keeping you Informed and Safe

Product Advisory

Clear and unambiguous

- Piercing 85dB at 1m - gives you confidence in the status of your Triple Plus+, and the environment you're working in
- Vivid LED alarms with top visibility
- Confidence blip, low battery and TWA warnings
- Timed data logging with 100-hour capacity

Simple to customise

- Wide range of electrochemical oxygen and toxic gas sensors - allows you to create your optimum 4 gas Triple plus+
- Available for diffusion, manual aspiration or pumped sampling
- Interchangeable sensor modules
- Comprehensive data logging with site and user names

Durable

- Triax™ casing will not crack or shatter when dropped - system integrity and operation assured
- Unique internal design will resist the harshest treatment
- Full buoyancy - makes recovery from water possible

Easy to maintain

- Simple Windows™ Software interface - user menus allow calibration with or without connecting to a PC
- QuickCal, rapid calibration

IR option

- No poisoning effects - works well where catalytic pellistors would perform poorly
- Long life sensor and no burnout - reduced cost of ownership
- % vol. measurement for purging applications - offers flexibility
- % LEL measurement in air or inert backgrounds
- Single or dual range measurement



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Accessories



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Triple Plus+

Summary

- 1-4 Gas Monitor – pump optional
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- Bright visual alarm
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- Flammable gas correction factors



Triple Plus+ IR

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Triple Plus+ IR

Introduction

- Single range IR sensor 0-100%LEL with up to three other gas sensors
- Dual range IR sensor 0-100%LEL/0-100% volume with up to two other gas sensors
- CO2 IR Option
- Ideal for purging applications
- Large simultaneous four gas display with backlight
- Loud audible alarm
- Bright visual alarm
- Full timed data-logging file with 100-hour capacity
- User and site names logging
- User menu allows calibration without PC connection



Triple Plus+ IR

Features and Benefits

Feature	Benefit
IR Sensors	Does not exhibit poisoning as per pellistor & failsafe
IR sensors	Does not need O ₂ , perfect for purging
Based on TRP+	Proven rugged platform
Large, clear simultaneous display	Easy to see and use
Triax case	Chemically resistant and does not stress fracture
Bouyant	Floats in water in case it's dropped



TRP+ Pentane Calibration

- Now available 0-100% LEL IR sensor module
- Developed following 3 individual customer requests
- Only Drager able to offer as standard
- Petrochemical and chemical processing target

Triple Plus+ IR

Further Information



Triple Plus+ & Triple Plus+ IR

Portable Gas Detection Equipment



CROWCON
Detecting Gas Saving Lives

Triple Plus+ IR

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