

● HVAC/R

SOLUTIONS FOR HVAC/R CONTRACTORS

A technician wearing an orange hard hat and a high-visibility safety vest is kneeling next to a large HVAC unit. He is holding a green clipboard and looking at it. The background shows a metal structure, possibly a rooftop or industrial setting.

Sprint
Pro

 **crowcon**

• THE ALL-IN-ONE COMBUSTION ANALYZER **FOR HVAC/R AND PLUMBING CONTRACTORS**

With a Sprint Pro Combustion Analyzer, plumbing contractors no longer need to buy, store, calibrate and transport multiple items, because the Sprint Pro is effectively eight devices in a single, hand-held unit.

Sprint Pro can perform all critical test measurements – whether the appliance is powered by gas, oil, coal or wood pellets and whether it is in a domestic or commercial setting.

Many appliance manufacturers now mandate the use of a combustion analyzer when installing, and maintaining their latest generation of high efficiency products.

“ The Crowcon Sprint Pro is loaded with test features and works with many different types of fuels. The operation and function keys are easy to use and menu based. Overall I really like this tool and would definitely recommend it.

David Lottinville, Santa Fe Air Conditioning and Refrigeration LLC

”



THE ALL-IN-ONE TOOL



Combustion
Analyzer



Gas Leak Detector



Pressure Tester



Tightness Tester



Differential
Temperature
Monitor



Ambient Air Monitor



Room Safety
Tester



Refrigerant Leak
Detector



SPRINT PRO FEATURES

- **Unmatched Condensate Protection:** Triple filter water stop technology minimizes downtime.
- **Enhanced Water Trap:** Robust, easy-to-empty design with washable, cost-effective foam and PTFE filters.
- **Reliable Connection:** Positive click flue probe ensures accurate testing every time.
- **Durable and Portable:** Built with helmet-grade material for ruggedness and portability.
- **Customizable:** Offers a wide range of accessories, including an infrared printer and flue-less appliance probes.
- **Bluetooth Connectivity:** Sprint Pro 3-6 supports iOS and Android devices.
- **USB-C charging** for analyzer and printer at home, on site or in vehicle.
- **Magnetic casing** for hands-free use.
- **Cross sensitivity:** CO sensor designed for flue gas analysis applications; guaranteed to have no response to nitric oxide.

• SPRINT PRO RANGE

	SPRINT PRO 1 CO, O ₂ , (CO ₂ calculated)	SPRINT PRO 3 CO, O ₂ , (CO ₂ calculated)	SPRINT PRO 3+ CO, O ₂ , (CO ₂ calculated)	SPRINT PRO 5** CO, O ₂ , NO (CO ₂ calculated)	SPRINT PRO 6*** CO, O ₂ , NO, ambient CO ₂
 PRESSURE TESTER		✓	✓	✓	✓
 BLUETOOTH			✓	✓	✓
 GAS LEAK DETECTOR			✓	✓	✓
 KIT OPTIONS	Pro 1	Pro 3 Kit A Pro 3 Kit B Pro 3 Kit C	Pro 3+ Kit A Pro 3+ Kit B Pro 3+ Kit C	Pro 5 Kit A Pro 5 Kit B Pro 5 Kit C	Pro 6 Kit A Pro 6 Kit B Pro 6 Kit C

KIT OPTIONS

Pro 1 Kit
1 x Sprinter printer
1 x AS10/Clamp pipe
temperature probe

Pro 3-6 Kit A
1 x Sprinter printer
2 x AS10/Clamp pipe
temperature probe
1 x Pressure release valve

Pro 3-6 Kit B
1 x Sprinter printer
2 x AS10/Clamp pipe
temperature probe
1 x Pressure release valve
1 x BS7967 flue-less

Pro 3-6 Kit C
1 x Sprinter printer
2 x AS10-CLAMP
1 x APRV

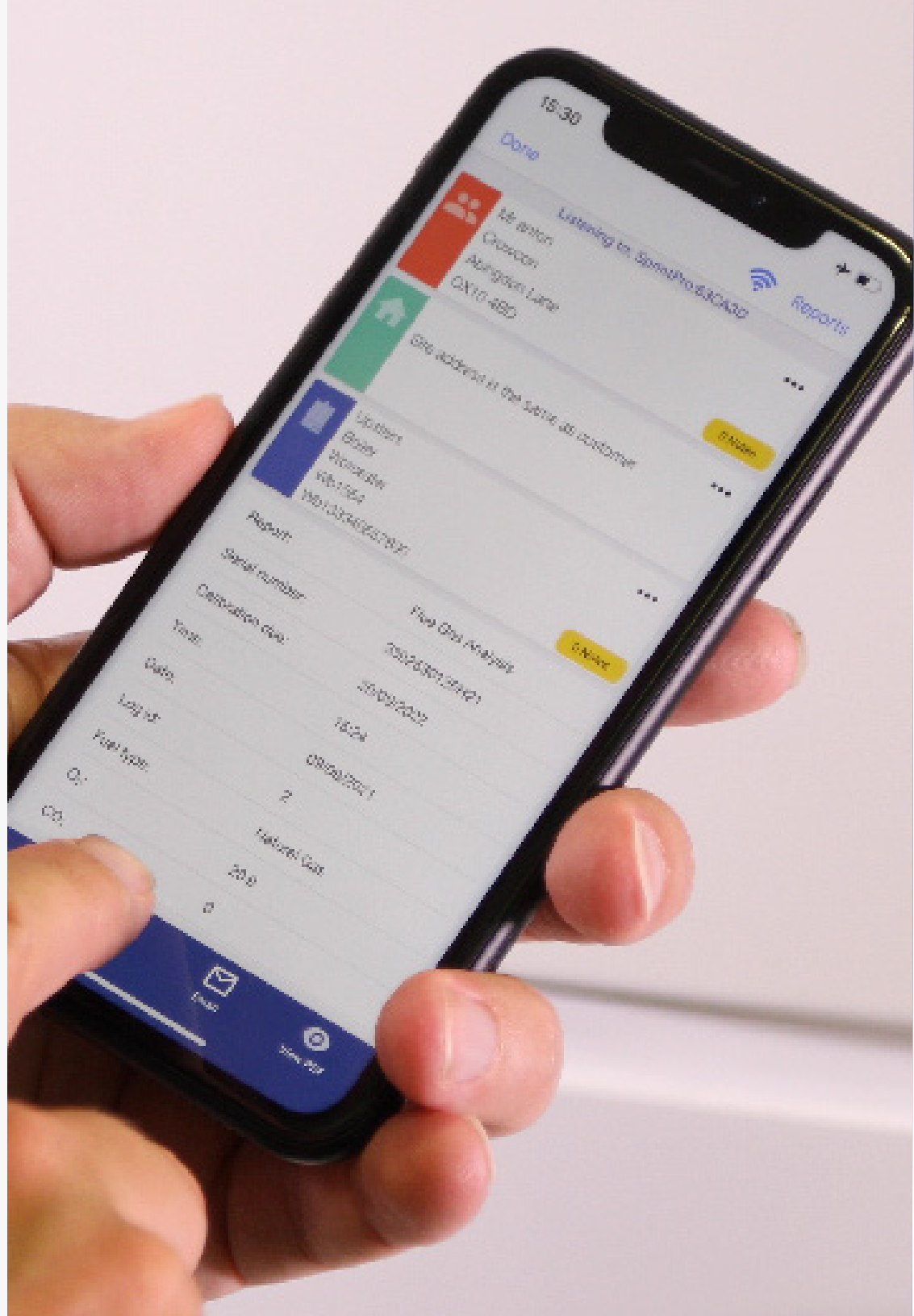
	PRO 1 Great value Combustion analyzer	PRO 3 Powerful Combustion analyzer with pressure testing & gas leak detection	PRO 3+ Powerful Combustion analyzer with gas leak detection	PRO 5 Powerful Commercial Combustion analyzer with NO sensor	PRO 6 Powerful Commercial Combustion analyzer with NO and dedicated CO2 sensors
STANDARD FEATURES & SENSORS					
Full color display	•	•	•	•	•
IR printer compatible	•	•	•	•	•
Bluetooth compatibility for iOS and Android apps	•	•	•	•	•
O ₂ flue gas measurement	•	•	•	•	•
CO flue gas measurement	•	•	•	•	•
NOx flue gas measurement				•	•
Dedicated CO ₂ sensor for ambient and room tests					•
CO sensor for flue gas analysis with no nitric oxide response	•	•	•	•	•
TESTS & FUNCTIONS					
Flue gas analysis: CO CO ₂ (calculated) CO CO ₂ ratio O ₂ (measured) XS air, temperature & efficiency	•	•	•	•	•
Flue gas analysis: NO & NOx				•	•
Let-by/tightness test		•	•	•	•
Draught/differential pressure test with timer		•	•	•	•
Operating/working pressure report		•	•	•	•
Differential temperature measurement (flow and return)	•	•	•	•	•
Room safety test CO	•	•	•	•	•
Ambient air test CO	•	•	•	•	•
Room safety test CO ₂					•
Ambient air test CO ₂					•
Gas escape test (leak detection)			•	•	•
ACCESSORIES INCLUDED					
Flue probe with thermocouple, in-line filter & pro water trap	•	•	•	•	•
Carry case	•	•	•	•	•
1m pressure hose for use with natural gas		•	•	•	•
Flexible gas escape sniffer probe with LED flashlight			•	•	•

• CROWCON HVAC/R COMPANION APP

Crowcon HVAC/R Companion app contains a host of extra benefits to make the life of a HVAC/R professional that little bit easier. These include:

- Save time and impress customers with professional looking reports and gas certificates that can be customized with business details, logo, etc.
- Can be used to generate all usual reports plus landlord certificates, safety notices, gas rates and more. These can be instantly created and then emailed to the customers.

Crowcon HVAC/R Companion app is free to download for iOS or Android from the App Store and Google Play, respectively.



CO PROTECTION

Stay Safe With A Reliable Personal CO Detectors

Protect yourself and ensure safe operation of your heating systems with our personal carbon monoxide (CO) gas detector. Carbon monoxide is a silent threat - it's colorless, odorless, and extremely dangerous. That's why quick detection is crucial for your safety.

Why Choose A Personal CO Detector?

- **Instant alert** to the presence of carbon monoxide, giving you precious time to respond.
- Designed to **keep you safe 24/7**, providing peace of mind in any environment
- For just **\$0.30 per day**, you can ensure reliable protection and peace of mind.

Don't leave your safety to chance—invest in a solution that works around the clock to protect what matters most.

Act now and make safety a priority!



REFRIGERANT DETECTION

Protect People and the Planet with Our Refrigerant Leak Detectors

Refrigerant leaks can pose serious risks to both human health and the environment. Our advanced refrigerant leak detectors are designed to monitor and detect harmful leaks, helping you take immediate action to safeguard your team and reduce your environmental footprint.

Why Choose A Personal CO Detector?

- **Ensure Worker Safety:** Protect employees from exposure to harmful refrigerant gases with early and accurate detection.
- **Reduce Environmental Impact:** Minimize the release of refrigerants that contribute to climate change and ozone depletion.
- **Improve Operational Efficiency:** Avoid costly downtime and maintain smooth operations by identifying and addressing leaks quickly.



● DETECTING A2L REFRIGERANTS

REFRIGERANT GROUP	DETECTABLE	REFERENCE REFRIGERANT	SENSITIVITY SELECTION
CFC	x		Heavy Gas
H-CFC	x		Heavy Gas
HFC	x		Light Gas
R22	x		Light Gas
R32	x	x	Light Gas
R125	x		Heavy Gas
R134a	x	x	Heavy Gas
R143a	x		Light Gas
R152	x		Light Gas
R404a	x		Heavy Gas
R407a	x		Heavy Gas
R410a	x		Light Gas
R1234yf	x	x	Heavy Gas

• ACCESSORIES & SPARES

Please note: Sprint Pro probes and accessories are not compatible with any previous Sprint models.



**10 X SPARE PAPER ROLLS
FOR PRINTER**

Part No: PAP26001



SPRINTER PRINTER USB*

Part No: C03743-CB



LIQUID BINDER PROBE*

Part No: AA15-HDH



PRESSURE RELIEF VALVE*

Part No: APRV



SURFACE TEMPERATURE PROBE*

Part No: AS1-HDH



**PIPE CLAMP
TEMPERATURE PROBE***

Part No: AS10-CLAMP



**SPRINT PRO BENT FLUE PROBE WITH
WATER TRAP**

Part No: C03738-B



1 YARD AIR PROBE*

Part No: GK11M



SPRINT PRO DUST FILTER X 10

Part No: M049001



TRIPOD STAND FOR AMBIENT CO TESTING

Part No: ACMT



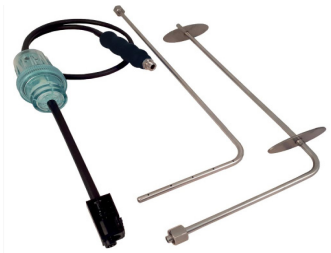
SPARE 3 MICRON FILTER

Part No: C03771



SPRINT PRO 2 YARD FLUE PRO EXTENSION

Part No: PRO-2M-EXTC



SPRINT PRO BS7967 PROBE SET WITH WATER TRAP

Part No: PRO-BS7967



REFRIGERANT LEAK DETECTION PROBE*

Part No: C03786



SPRINT PRO BENT FLUE PROBE WITH WATER TRAP

Part No: GK11M

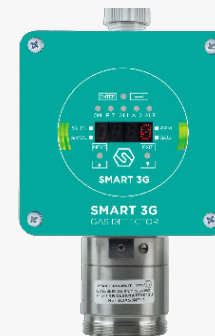


1 YARD AIR PROBE*

Part No: PRO-BS7967

*Compatible with Sprint Pro versions 2-6 subject to software updates for models purchased before September 11th 2023.

● GAS SAFETY



SMART3-R	SMART3H – LITE	SMART 3G-C3
Gas Detector for machinery rooms, labs and non-classified areas	Gas Detector for A1 and A2L refrigerant gases	Gas Detector for Zone 2 and category 3 areas
The SMART3-R detector is ideal for applications in light industry and machine rooms, with a buzzer and LED indicator providing rapid alert to the presence of explosive, toxic and refrigerant gases. SMART3-R complies with the following regulations: • Continuous self-diagnostics • Infrared (IR) sensor • Standard 4-20 MA output, RS485 and 3 relays • Internal buzzer and multicolour LED indicator • Simple sensor replacement	The SMART3H – LITE is designed specifically for the detection of refrigerant gases in commercial settings. With a sleek design and options for detecting 10+ of the most common refrigerant gases, the SMART3H – LITE provides discrete detection for complete protection. • 2 Pre-set output relay • Optional RS485 communication • Continuous self-diagnostics • Internal buzzer and LED indicator • Infrared (IR) Sensor	Designed to meet with industrial requirements, the SMART3G-C3 gas detectors allow to monitor toxic, flammable and refrigerant gas contents in areas classified as zone 2, category 3. Ideal in light industrial environments, the SMART3G-C3 feature one man calibration via the STS/CKD+ calibration keypad. • Standard 4-20mA 3 wire output • Optional 1 or 3 relay output • Optional RS485 interface for Modbus communication • Ongoing system self-diagnosis



AGM 55

Part No: AGM-55-CB

AGM 55 flammable gas leak detector



AGP 45

Part No: AGP-45-CB

AGP 45 pocket flammable gas detector



AGP BELT POUCH

Part No: AGP-45-BP-CB

AGP 45 belt pouch



CLIP SGD CO

Part No: CL-C-35

Clip SGD personal CO alarm 35/50PPM



AMBIENT CO2 DETECTOR

Part No: IAQ8494

Ambient CO₂ detector

OTHER PRODUCTS



APM 135	APM 145	APM 155
Part No: APM-135-CB	Part No: APM-145-CB	Part No: APM-155-CB
APM 135 differential pressure meter /manometer	APM 145 differential pressure meter /manometer with Bluetooth for Sprint Mobile app compatibility*	APM 155 differential pressure meter /manometer with Bluetooth - suitable for medium pressure and strength testing up to 2 bar*

• GET IN **CONTACT**

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Disclaimer

Due to ongoing research and product improvement, specifications are subject to change without notice. While every effort has been made to ensure accuracy in this document, no responsibility can be accepted for errors or omissions. Data may change, as well as legislation, and you are strongly advised to obtain copies of the most recently issued regulations, standards, and guidelines. This document is not intended to form the basis of a contract.

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