

# Sprint-Pro Refrigerant Probe

## Refrigerant Leak Detection Accessory for Sprint-Pro

Optical & Audible Alarms via Sprint-Pro  
Detection of Modern Refrigerants  
High Sensitivity of  $< 5\text{g/annum}$  leak rates



# Sprint-Pro Refrigerant Probe

## Fast & Reliable Detection Integrated into Sprint-Pro

An all-in-one Tool for HVAC/R Professionals.  
Sprint Pro is a multi-function combustion analyzer suitable for determining CO/CO<sub>2</sub>/NO<sub>x</sub> ratios.

Combines the requirement for Flue Gas Analysis and Refrigerant Leak Detection into a single tool.

Get the accurate readings your customers require with our robust, easy to operate and even easier to interpret refrigerant probe.



### Multi-Tool Proposition

#### All-in-one Tool

A combination of combustion analysis and refrigerant leak detection in a single tool provides an all-in-one solution.

### Easy Maintenance

#### Compact Size

Probe is easy to carry, store and use

#### Low Power

Powered via your Sprint Pro re-chargeable lithium ion battery, allowing for all day operation.

#### Modular Design

Seamless integration with your flue gas analyser, enabling customisation to suit your specific requirements.

### Features

#### Color Screen & Audible/ Visual Indicators

Large size full color screen makes for easy reading and operation. The display changes from light blue to dark blue when a leak occurs. An audible signal additionally indicates detected leaks. The intensity of sound increases as proximity to a leak reduces.

#### Lit Probe Head

Flexible goose-neck with bright LED searchlight for poorly lit and hard to reach areas.

#### Compatibility

Compatible with all Sprint Pro models\* via the DC Jack connection

\*Software updates are required for Sprint Pro models purchased before 11th September 2023.

## Specification

Size	H6.6cm x W4.3cm x D3.9cm (2.6 x 1.7 x 1.5ins)
Gooseneck Length	10.6 inches
Weight	0.05kg
Sensor	Metal oxide sensor
Meas. Parameter	g/a
Sensitivity	< 5/a / 0.18oz/yr (specified for reference refrigerants)
Sensitivity Levels	Light Gas – Static & Dynamic / Heavy Gas – Static & Dynamic (Selectable)
Start-Up Time	60s (Fast Warm-Up) 300s (Extended Warm-Up)
Response Time	< 1s
Duty Cycle	Continuous
Operating temperature	-10°C to +50°C
Humidity	10 to 80% RH non-condensing
Storage Temperature	10°C to +40°C
Lifetime	2 years
Leakage Alarm	Audible & Visual Color Graphic
Standards	EN14624:2012 Meets SAE J1627 for refrigerant R134a/R32
EMC Compliance	EN50270, EN61000-6-4 FCC CFR47 Part 15B

## Detectable Refrigerants

Refrigerants Group	Detectable	Selection in Instrument
CFC	✓	Heavy Gas
H-CFC	✓	Heavy Gas
HFC	✓	Light Gas
R22	✓	Light Gas
R32	✓	Light Gas
R125	✓	Heavy Gas
R134a	✓	Heavy Gas
R143a	✓	Light Gas
R152	✓	Light Gas
R404a	✓	Heavy Gas
R407a	✓	Heavy Gas
R410a	✓	Light Gas
R1234yf	✓	Heavy Gas
R290	✓	Heavy Gas
R600A	✓	Heavy Gas

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