

K-100(FR)

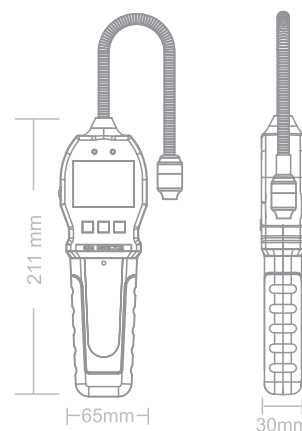
Refrigerant Leak Detector

Ex ib IIC T3 Gb



Technical Parameters

Maximum Sensitivity:	≥ 2g / year	Response Time:	< 1s
Refrigerants:	R134A / R22 / R410A / R32 / R507A / R404a / R1234yf	Alarm Indicators:	Display / Sound / vibration
Working Voltage:	DC3.7V(Lithium Battery)	Charge Time:	6 ~ 8h
Working Environment:	Temperature : -10~+50°C; Humidity : <93%RH no dew	Working Time:	≥ 8h continuously
Sensor Life:	2 years	Weight Size:	211*65*30mm; 300g



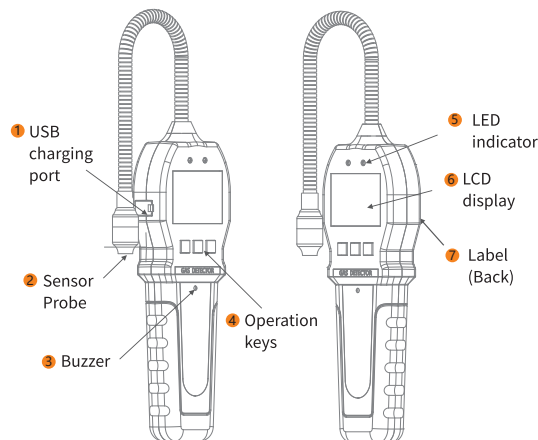
K-100(FR) Refrigerant Leak Detector

The detector utilizes an imported gas sensor that detects gas leak through natural diffusion, offering excellent sensitivity and repeatability. It is user-friendly and easy to maintain, effectively meeting the demands for reliable monitoring devices in industrial field. The case of the detector utilizes high-strength engineering plastic and composite anti-slip rubber, ensuring durability, a comfortable grip, and protection against water, dust, and explosions.

The detector is widely applicable across various industries, including petroleum, chemicals, environmental protection, metallurgy, refining, biochemical medicine, and agriculture.



Function and Instruction Diagram



Number	Name	Number	Name
1	USB charging port	5	LED indicator
2	Sensor Probe	6	LCD display
3	Buzzer	7	Label (Back)
4	Operation keys		

Product Characteristic

- ◆ LCD color screen display
- ◆ Display of different color alarm states
- ◆ Three level sensitivity adjustable to cope with different working environments
- ◆ Peak value can record the maximum leakage point detected
- ◆ Alarm mute on/off
- ◆ The backlight on time can be adjusted



LCD display



High sensitivity



Power display



Peak value record bar



Alarm mute function

