

LD-100+

Heated Diode HVAC Refrigerant Leak Detector



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3 Sensitivity Levels



1 Years Sensor Life



Audible & Visual Alarm



Anti-water Absorption Probe



2 Reset Modes: Auto&Manual



HFCS, HCs Detectable



New Suction Structure Design

Increases the sensitivity while having the anti-water absorption function at the same time.

① SENS: 3 sensitivity levels adjustable

High(Red) ■
Medium(Orange) ■
Low(Green) ■



③ RESET: Automatic & Manual Reset:

"A" icon means the automatic reset model starts. Long press, enter the manual reset mode, taking the current ambient concentration as the reference point. Suitable for finding the exact leak point in an environment with a large number of leaks.

③ MUTE: Turn on/off the alarm

Detect Halogenated and HC Refrigerants

HFC: R134a, R410A, R407C, R417A, R404A, R507, R23, R508A, R508B, R152a, R32 etc.

HCFC: R22, R123, R124, R141b, R142b, R402A, R402B, R408A, R409A etc.

CFC: R11, R12, R13, R502, R503 etc.

PFC: PFC-14, PFC-116, PFC-218 etc.

HFO: R-1234YF

HC: R50, R170, R290, R600, R600A, R1150, R1270 etc.

Parameters

Sensor Type	Heated diode gas sensor
Applicable refrigerant	CFCs, HCFCs, HFCs, HCs and HFOs
Minimum detectable leakage	≤ 3g/y
Sensor lifetime	≥1 year
Reaction time	≤3s
Reset	Automatic/manual
Warm-up time	30s
Probe length	16.5 in/420mm

Reset time	10s
Package size	12.3oz/ 350g
Working temperature range	0-50°C
Battery life	7 hours
Working Humidity Range	<80%RH (non-condensing)
Weight	17x9.6x27.5 in /430x245x700 mm
Auto-off Time:	30 min





WJL-6000



CPU-1G



LD-100+



LD-100



LD-200



ILD-200

Sensor Type	Corona	Corona	Heated Diode	Heated Diode	Heated Diode	Advanced
Battery included	NO	YES	YES	NO	YES	YES
Battery Type	4 AAA	2 C	3 AA	3 AA	Li-1800mA/h	Li-3000mA/h
Sensor Life	≥ 24 hours	≥ 24 hours	≥ 500 hours	≥ 500 hours	≥ 500 hours	≥ 10 years
Auto Reset	NO	NO	YES	NO	NO	14.37 inch
Rechargeable	NO	NO	NO	NO	YES	YES
Sensing Tip	1	4	1	1	1	1



Authorized Distributor
 APL ASIA CO., LTD.
 11/129-132 Moo.5 Lamlukka Rd.,T.Kookut, A.Lamlukka, Pathumthani 12130 Thailand.
 TEL. 0-2995-4461-3, FAX. 0-2995-4464
 www.apl-asia.com
 EMAIL : sales@apl-asia.com
 LINE@ : @APL-ASIA