

# Gas Leak Detector



## Gas Electronic Leak Detector LD239

An electronic leak detector is indispensable for finding small leaks around fittings or hot inlets on which a liquid cannot be used. Leak check solutions may contain material that can leak into the gas-supply lines or columns and cause ghost peaks or other contamination.

The LD239 leak detector uses a small pump to pull air from the probe through a thermal-conductivity cell. The presence of carrier gas or Hydrogen changes the thermal conductivity and causes a change in the detector's readout compared to a reference air flow.

- Super Compact and Light (only 95 g)
- LCD and LED Displays
- Highly Sensitive – 0.0005 ml/min (He)
- USB Port Rechargeable

The world's smallest leak detector with MEMS technology!



## Specifications:

<b>Detection method:</b>	Thermal conductivity
<b>Target gases:</b>	Helium, Hydrogen, CO <sub>2</sub> , Argon, Neon and other non-corrosive gases. For safety reasons, LD239 should not be used: 1) in places with a risk of fire, explosion or large flammable gas leaks; 2) in places with insufficient ventilation when attempting to detect trace amounts of flammable gases; 3) in places that are contaminated with dust or combustible fumes.
<b>Sensitivity:</b>	Standard range - minimum 0.005 ml/min (He) High range - minimum 0.0005 ml/min (He)
<b>Settings:</b>	Sensitivity Range: (Standard/High), Buzzer: ON/OFF, LED Display: ON/OFF LCD Backlight: ON/OFF, Auto power shutdown: ON/OFF
<b>Temperature range:</b>	10 - 40°C (non-condensing)
<b>Battery:</b>	Rechargeable Lithium ion battery (up to five hours continuous use). Battery is rechargeable through USB port (2.5 hours for a full recharge).
<b>Dimension:</b>	50(W) x 19.5(D) x 111(H) mm
<b>Weight:</b>	Approx. 95 g
<b>Accessories:</b>	USB cable, instruction manual, AC-DC adaptor with EURO or UK plug (optional).

## Part number information:

	<b>P/No</b>
Gas Leak Detector LD239 (ready to use, with USB cable to charge via computer)	2702-19340
<b>Options:</b>	
AC-DC Adaptor, w/o Plug (USB, 5V, 500 mA)	G400006 (needs Input Plug)
Input Plug AC-DC Adaptor, EURO	G200010
Input Plug AC-DC Adaptor, UK	G200011
<b>Spare Parts:</b>	
Battery for LD239	2702-19341
USB cable	2702-19331
Sample Filter	2702-19333
Reference Filter	2702-19334



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