

# LXD1 and LXD2

Refrigerant Leak Detectors

# LXD3

Forming Gas Leak Detector



## Affordable Leak Detectors You Can Trust

LINXON LXD handheld leak detectors provide an affordable leak detection solution for HVAC/R service. LXD1 and LXD2 are optimized for refrigerant leak detection, while LXD3 is specialized for forming gas (95% N<sub>2</sub>/ 5% H<sub>2</sub>) leak detection. Both LXD2 and LXD3 feature an LED probe tip leak indicator and a numeric display that takes the guesswork out of locating a leak.

Enjoy the benefit of little to no downtime with all three units, thanks to the field replaceable filter, batteries and long lasting sensor. Whether you're checking for traditional refrigerants or using forming gas, LINXON has a user-friendly leak detector to meet your HVAC/R service needs.



|                                       | LXD1       | LXD2       | LXD3       |
|---------------------------------------|------------|------------|------------|
| <b>Part Number</b>                    | 744-202-G1 | 745-202-G1 | 746-202-G1 |
| <b>Audible Alarm</b>                  | ✓          | ✓          | ✓          |
| <b>Probe Tip Leak Indicator (LED)</b> |            | ✓          | ✓          |
| <b>Numeric Display</b>                |            | ✓          | ✓          |
| <b>Carrying Case</b>                  |            | ✓          | ✓          |
| <b>DETECTS</b>                        |            |            |            |
| <b>Ammonia</b>                        | ✓          | ✓          | ✓          |
| <b>HCFCs, HFCs</b>                    | ✓          | ✓          | ✓          |
| <b>A2L Semi-Flammables</b>            | ✓          | ✓          | ✓          |
| <b>Forming Gas (95/5)</b>             |            |            | ✓          |

### Advantages at a Glance

- Reliable leak detection at a competitive price.
- Simple operation that allows for easy, repeatable gas detection.
- Field replaceable sensor, filter and batteries.
- Safe to use with A2L Refrigerants

**TECHNICAL DATA**

|   | <b>LXD1</b>                | <b>LXD2</b>                                     | <b>LXD3</b>                                     |
|---|----------------------------|---|---|
| Part Number   | 744-202-G1                 | 745-202-G1                                      | 746-202-G1                                      |
| Sensor Type   | MOS sensor                 | MOS sensor                                      | MOS sensor                                      |
| Warranty  | 1 year                     | 1 year  | 1 year  |
| Sensitivity to R134a<br>(tested to EN14624)           | 1 g/y                      | 1 g/y   | 5 g/y   |
| Sensitivity to R1234yf<br>(tested to EN14624)         | 1 g/y                      | 1 g/y   | 1 g/y   |
| Battery Type  | x4 AA alkaline             | x4 AA alkaline                                  | x4 AA alkaline                                  |
| Battery Life  | Approximately 4-hours      | Approximately 4-hours                           | Approximately 4-hours                           |
| Battery field replaceable                             | Yes                        | Yes   | Yes   |
| Sensor Filter   | Yes                        | Yes   | Yes   |
| Sensor Life   | 300 hours                  | 300 hours                                       | 300 hours                                       |
| Leak Indicators                                       | Audible alarm              | 7-segment display, LED probe tip, Audible alarm | 7-segment display, LED probe tip, Audible alarm |
| Background Zeroing                                    | Auto                       | Auto  | Auto  |
| Sensitivity Levels                                    | 3 levels                   | 3 levels  | 3 levels  |
| Warm Up Time  | 20 seconds                 | 20 seconds                                      | 20 seconds                                      |
| Tested for use with A2L<br>(semi-flammables like R32) | Yes                        | Yes   | Yes   |
| Weight (with batteries)                               | 0.97 lb. (440 g)           | 0.97 lb. (440 g)                                | 0.97 lb. (440 g)                                |
| Probe Length  | ~17 in. (43 cm)            | ~17 in. (43 cm)                                 | ~17 in. (43 cm)                                 |
| Operating Temps                                       | 24° to 125°F (-4° to 52°C) | 24° to 125°F (-4° to 52°C)                      | 24° to 125°F (-4° to 52°C)                      |

**ACCESSORIES AND REPLACEMENT PARTS**

|   |            |
|---|------------|
| LXD1/LXD2 Spare sensor assembly   | 744-700-G1 |
| LXD1/LXD2/LXD3 Spare filters and probe tip kit, includes 5 filters and 2 tips | 744-701-G1 |
| LXD3 Spare sensor assembly  | 746-700-G1 |
| LXD1/LXD2/LXD3 Spare carrying case  | 744-703-G1 |