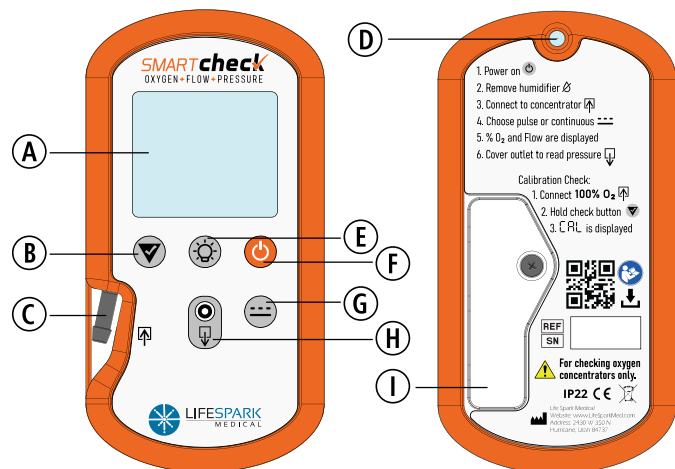
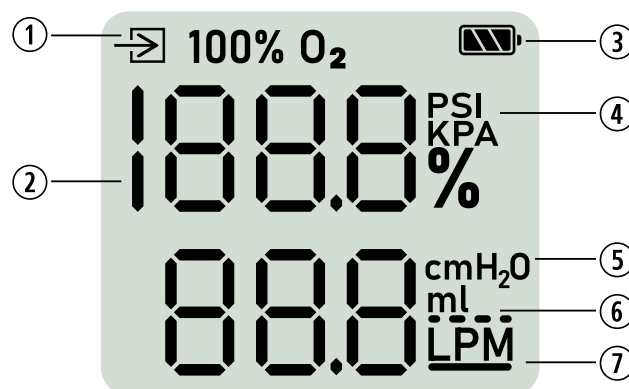




- Ⓐ LED Display
- Ⓑ Calibration Check Button
- Ⓒ Sample Inlet
- Ⓓ Flashlight
- Ⓔ Flashlight/Backlight Button
- Ⓕ Power On/Off Button
- Ⓖ Mode Button
- Ⓗ Sample Outlet
- Ⓘ Battery Cover



- ① Feed 100% O<sub>2</sub> Indicator
- ② Displaying O<sub>2</sub> percent (%)
- ③ Battery Indicator
- ④ Pressure (PSI or KPA)
- ⑤ Displaying Low Range Pressure (cmH<sub>2</sub>O)
- ⑥ Displaying Pulse Volume (ml)
- ⑦ Displaying Continuous Flow Rate (LPM)

## TECHNICAL specifications

## General

|                            |                                          |
|----------------------------|------------------------------------------|
| Dimensions.....            | 75 x 147 x 27 mm (2.95 x 5.79 x 1.06 in) |
| Weight.....                | 0.23 kg (0.5 lbs.)                       |
| Battery Life.....          | 1-year typical use (>16k read cycles)*   |
| Battery Type.....          | 2 replaceable AA batteries               |
| Operating Temperature..... | 5° - 40°C (41° - 104°F)                  |
| Storage Temperature.....   | -25° - 70°C (-13° - 158°F)               |
| Auto Shutoff.....          | 2 minutes                                |
| Atmospheric pressure.....  | 700 - 1060 hPa absolute                  |
| Humidity.....              | 0 - 90% (non-condensing)                 |
| Pressure Units.....        | PSI, kPa, cmH <sub>2</sub> O             |
| Sample Rate.....           | Continuous Mode: 1 Hz                    |
| .....                      | Pulse Mode: 19.2 Hz                      |
| Response Time.....         | 10 seconds                               |
| Start-up Time.....         | 2.5 seconds                              |

## Concentration Mode

|                                   |                  |
|-----------------------------------|------------------|
| Range (concentrator).....         | 20.9 - 96%       |
| Range (pure O <sub>2</sub> )..... | 20.9 - 100%      |
| Accuracy.....                     | ±1.5% full scale |
| Resolution.....                   | 0.10%            |

## Flow Mode

Range.....0 - 10 LPM volumetric  
Resolution.....0.1 LPM  
Accuracy..... $\pm 0.2$  LPM

## Pulse Mode

Range.....3 - 200 ml  
Resolution.....0.1 up to 100 ml, 1 above 100 ml  
Accuracy.....±3 ml

## Pressure Mode

Range.....High: 0 - 40 PSI (0 - 275 kPa)  
.....Low: 0 - 70 cmH<sub>2</sub>O  
Resolution.....PSI and cmH<sub>2</sub>O: 0.1  
.....kPa: 0.1 up to 200, 1 above 200  
Accuracy.....High: ±0.5% of reading  
.....Low: ±0.3 cmH<sub>2</sub>O

\*Read cycle estimate is without backlight use. 1 year estimate includes occasional use of the backlight/flashlight. The backlight and flashlight consume power 10x faster than the analyzer alone. Using the backlight constantly will significantly reduce battery life.