

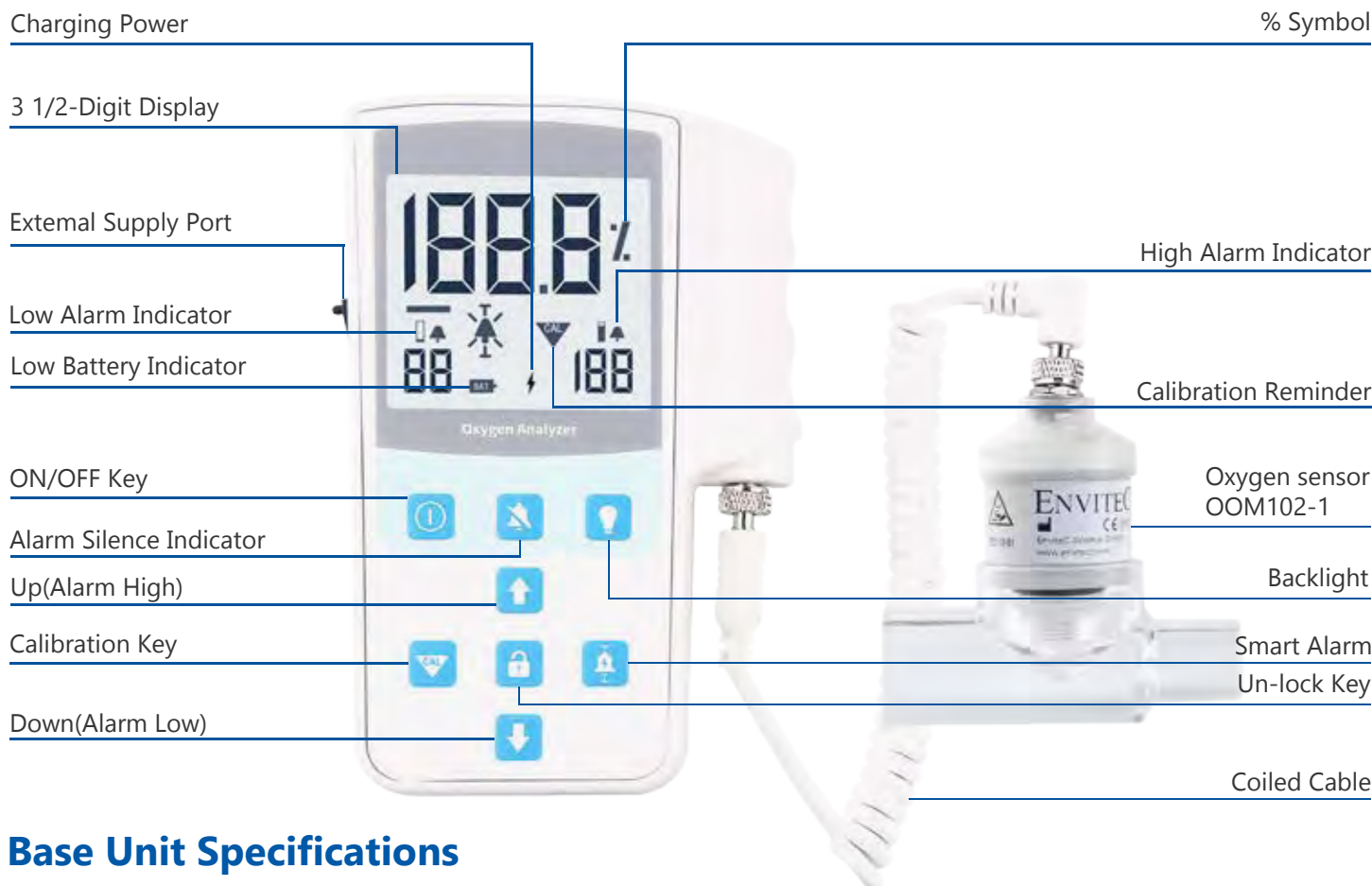


## Innovative Oxygen Analyzing and Monitoring for Medical Applications

### III Oxygen Analyzer

As a handheld oxygen analyzer, AIO III is used for measuring the oxygen concentration from 0% to 100%. With compact, lightweight design, it is easy to be used in various medical applications.





## Base Unit Specifications

Measurement Range	0.0-100%
Resolution	0.1%
Accuracy and Linearity	±1% of full scale at constant temperature, R.H. and pressure when calibrated at full scale Total
Accuracy	±3% Actual oxygen level over full operating temperature range
Response Time	90% of final value in approximately 15 seconds at 23°C
Operating Temperature	15°C - 40°C (59°F - 104°F)
Storage Temperature	-15°C-50°C (5°F - 104°F)
Atmospheric Pressure	800-1013 mBars
Humidity	0-95%(non-condensing)
Power Requirements	3,AAA Alkaline batteries(3 x 1.5 Volts)
Battery Life	approximately 5000 hours in typical use
Low Battery Indication	"LOW BAT" icon displayed on LCD
Sensor Type	ENVITEC OOM102-1 galvanic fuel cell
Expected Sensor Life	> 1,000,000% O2 Hours over 2 years in typical applications Alarm
System	high/low alarms, audio buzzer
Low Oxygen Alarm Range	0%-99% (> 1% lower than low alarm)
High Oxygen Alarm Range	1%-100% (> 1% higher than low alarm)
Alarm Accuracy	exact to displayed alarm value
Dimensions	84mm x 130mm x 31mm
Weight	approximately 0.25 kg

## Sensor Specifications

Type	galvanic fuel sensor (0-100%)
Life	2 years in typical application