

Handi+

SENSING

ANALYSIS

DELIVERY



HANDI+ OVERVIEW

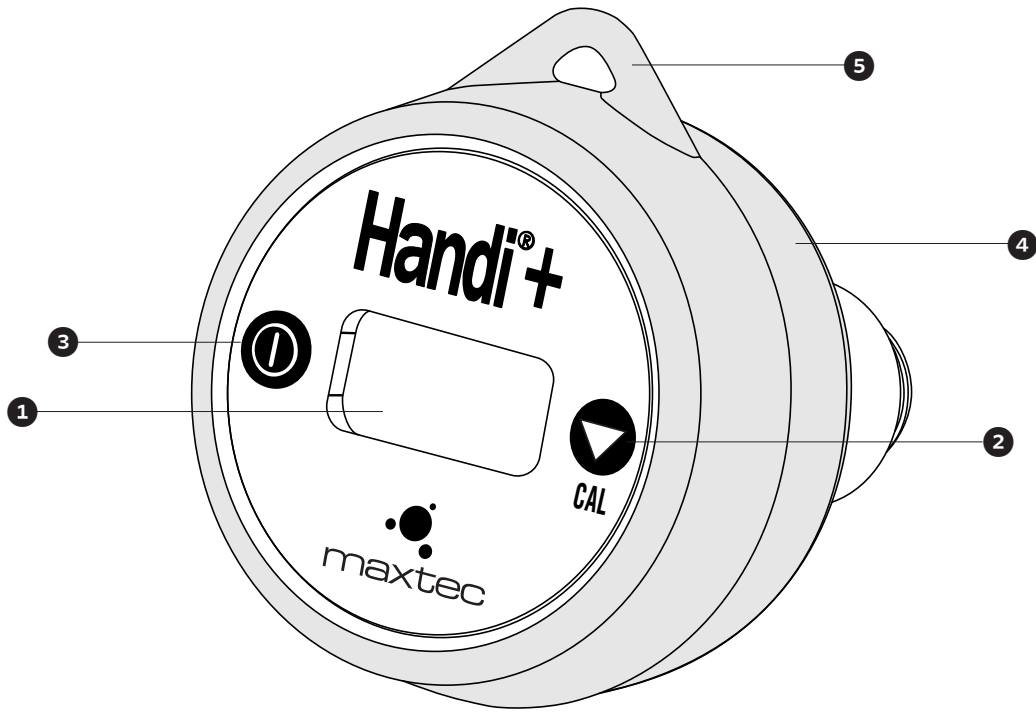
The **Handi+** oxygen analyzer is great for spot-checking O₂ percentages in hospitals, clinics, and home care environments. To better meet your oxygen analysis needs, Maxtec has improved the **Handi+** O₂ analyzer with a simple-to-use, one-touch calibration button, calibration reminder, automatic off, and brand-new overmold.

PART NUMBERS

Handi+ R218P12

ACCESSORIES

15mm Tee Adapter RP16P02
Barbed Adapter R207P17
Flow Diverter R110P10-001
Flowcheck R217P18



1. LCD Display

Large, easy-to-read, liquid crystal display

2. Calibration

New and improved one-touch calibration button

3. ON/OFF Button

One-touch on and off

4. Protective Wrap

Overmold for extra protection

5. Lanyard Attachment

Small, convenient and portable

6. 24 Month Warranty

Specifications

Sensor Type	MAX-250 galvanic cell w/Temperature Compensation (Non-Replaceable)
Measurement Range	0.0 - 99.9% oxygen (gas)
Resolution/Display	0.1% - The three digit LCD indicates values between 0.0 - 99.9% oxygen. Over range indicated by one decimal point on display located after the first digit
Response Time	< 15 seconds for 90% step change (at 25°C)
Linearity/Accuracy	@ 15° to 40°C. ± 1% of full scale at constant temperature, R.H. and pressure when calibrated at full scale; ± 3% actual oxygen level over full operating temperature
Power	Powered by one internal, non-replaceable, Lithium battery, CR2450. Power on push button automatically shuts off after 80 seconds time-out. Electronics rated general purpose; not for use in hazardous areas or for use with flammable gases.
Battery Life	Approximately 1850 hours (74,000 cycles)
Sample Port	M-16 x 1 thread with diverter fitting and barbed tubing adapter
Diverter Fitting	Fits medical standard 15mm "T" adapter
Operating Temperature	15° to 40°C
Storage Temperature	-15° to 50°C
Expected Storage Life	Two months. Special freshness seal on sensor.
Operating Pressure	Atmospheric pressure to 3psig
Environmental	General purpose housing equivalent to NEMA 1. The Handi+ is not waterproof. 0 - 95% RH, non-condensing
Weight	Approximately 3 oz (85 grams)