

# MaxN<sub>2</sub><sup>®</sup>+ Nitrogen Analyzers

SENSING

ANALYSIS

DELIVERY

MaxN<sub>2</sub>+AE



MaxN<sub>2</sub>+A



## N<sub>2</sub>+ ANALYZER OVERVIEW

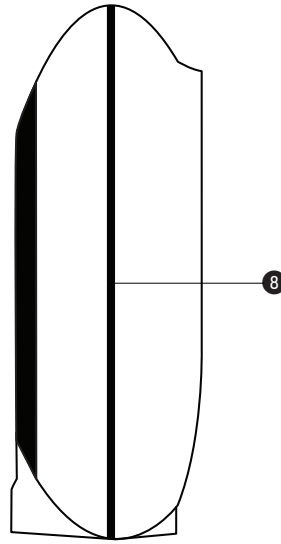
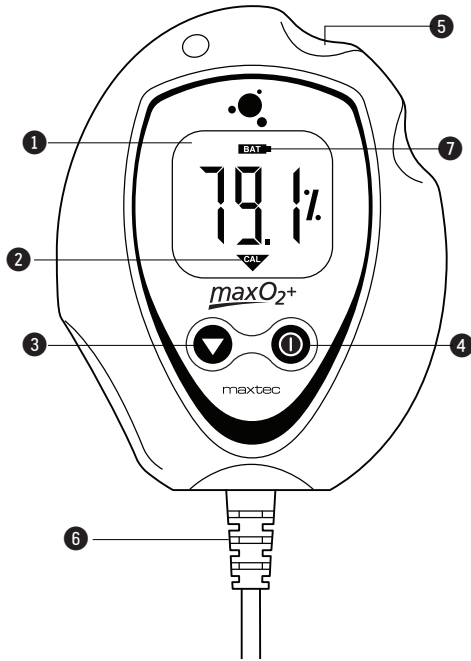
The **Max N<sub>2</sub>+ Nitrogen Analyzers** were designed with simplicity and portability in mind. Its uncompromised reliability and splash resistant design makes it an excellent solution for nitrogen analysis in nearly any application. Its patented ergonomic design fits comfortably in your hand and features a simple one-touch on/off and calibration. The **Max N<sub>2</sub>+AE** comes with an external sensor and is easily mounted on a wall when used with our dovetail wall mount bracket.

## PART NUMBERS

N<sub>2</sub>+A ..... R217P67  
N<sub>2</sub>+AE ..... R217P66

## ACCESSORIES

Max250+ (*Internal Sensor*) . . . . R125P02-013  
Max250e (*External Sensor*) . . . R125P03-004  
15mm Tee Adapter . . . . .RP16P02  
Flow Diverter . . . . . R110P10  
Wall Mount . . . . . R205P86  
Dovetail Bracket. . . . . R217P23



**1. Large LCD**  
*Easy to read characters*

**2. Calibration Reminder**  
*Reminds once a week*

**3. One-Touch Calibration**  
*Auto cal. to room air or 100% Oxygen*

**4. On/Off Button**  
*One-touch on and off*

**5. Patented Ergonomic Design**  
*Fits comfortably in your hand*

**6. External Sensor Cable (AE model only)**  
*10 feet extended, 3 feet retracted*

**7. Battery Life**  
*5,000+ Hours of Battery Life*

**8. Rubber Gasket**  
*Protects against fluids and moisture*

**9. External Sensor - MAX 250E**  
*0 - 100% Nitrogen, 24 Month Warranty*

## Specifications

Measurement Range .....	0 - 100% Nitrogen	90% Response Time.....	<15 seconds @ 23°C
Display Resolution .....	.01% Nitrogen	Low-Battery Indicator .....	“BAT” icon displayed on LCD
Warm-up Time .....	None Required	Battery Life .....	Approximately 5,000 hours with continuous use
Operating Temperature Range.....	15°C - 40°C (59°F - 104°F)	Power Requirement.....	2-AA Alkaline Batteries (2x1.5 Volts)
Operating Humidity Range.....	0 - 95% RH non-condensing	Calibration Reminder.....	One week timer started with every calibration ,
Nitrogen Measurement Accuracy.....	±3% actual nitrogen level	.....	“CAL” icon displayed on LCD
.....	over full operating temperature range	N2+A Sensor Type.....	Maxtec MAX-250+ galvanic fuel cell
Sensor Connection .....	M16 x 1 Thread	N2+AE Sensor Type.....	Maxtec MAX-250e galvanic fuel cell
Sensor Operating Life .....	>1,500,000 nitrogen percent hours,	Total Weight.....	0.4 lbs (170 grams)
.....	minimum 2 years in typical applications	Dimensions .....	3.75" (tall) x 3.00" (wide) x 1.33" (thick)
Maximum Storage Temperature Range .....	-15°C - 50°C (5°F - 122°F)		
Optimal Storage Temperature Range.....	5°C - 25°C (41°F - 77°F)		