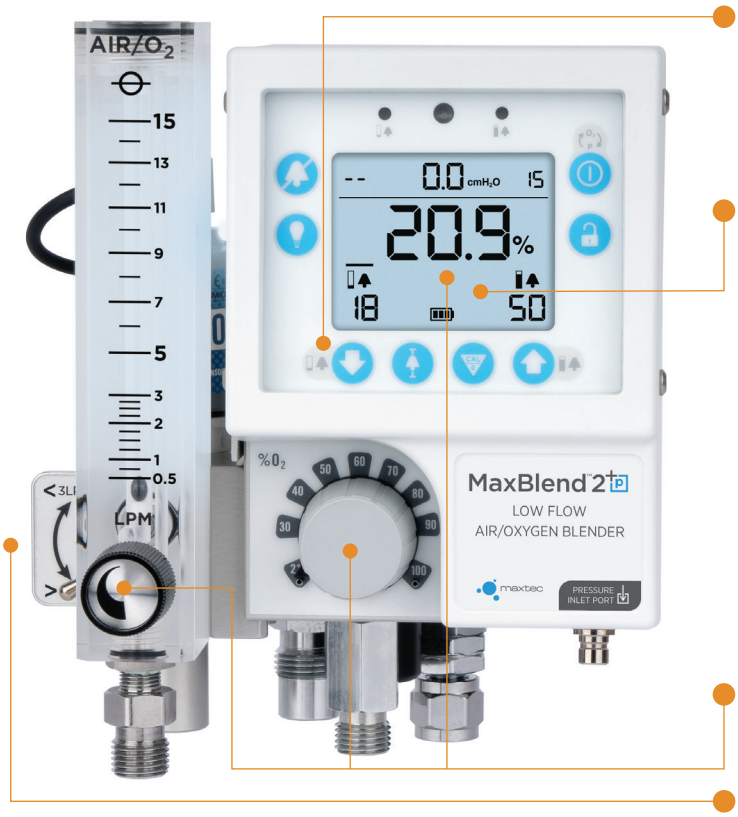
maxtec Perma Pure

MaxBlend™ 2+p

Blender with Integrated Oxygen & Pressure Monitor

The **MaxBlend™2+p** continuously monitors both oxygen and pressure and includes an integrated blender and flowmeter for a complete oxygen delivery system.



Adjustable Alarms Reduce the risks of alarm fatigue and missed spot checks with customizable alarms.

Backlit Screen/Flowmeter Enhance patient comfort with low-light setting feature.

Oxygen & Pressure Monitor Minimize risk of adverse events for patients and prevent more invasive interventions with clear continuous display of FiO_2 and pressure levels.

Moisture-Controlling Nafion™ Tubing Reduce risk of condensation building up in the lines, lowering need for line replacements throughout treatment for time and cost savings.

Integration of Monitor, Blender, & Flowmeter Quickly clean and set-up in between rotating patients.

Bleed Switch Activate to reduce wasted gas and save on costs.

Taking Patient Care from Reactive to Proactive

The MaxBlend™ 2+p helps clinicians remain aware of oxygen and pressure levels and can protect patients from a range of health risks, including:

- Oxygen toxicity
- Absorbative atelectasis
- Acute respiratory distress syndrome
- Hypoxia/hypoxemia
- Damage to vital organs, including the lungs and brain

Learn more, request a demo kit, or get a quote:

Try the MaxBlend 2+p Virtual Simulator:

MaxBlend™ 2+p

Specifications

INCLUDED ITEMS	PART NUMBERS
MaxBlend™2+p, 3 LPM, DISS	R229P36-001
MaxBlend™2+p, 15 LPM, DISS	R229P36-002
MaxBlend™2+p, 30 LPM, DISS	R229P36-003
MaxBlend™2+p, 70 LPM, DISS	R229P37-001
Max-550E - R140P02-001	R140P02-001
Max-550E Flow Diverter	R228P41-001

ACCESSORIES	PART NUMBERS
Nafion™ Moisture Control Pressure Monitoring Line (15-pack)	R229P18-015
1.5" 90 Degree DISS Elbow	RP11P20
10' Dual Blender Hose (DISS)	R129P01
2-in-1 Muffled Adapter	R219P50-100
Power Supply	R230P10
Rail / Pole Mount	R100P26
SmartStack IV Pole	R100P49-001

Instrument Specs

Weight (unpackaged)..... 5.3 lbs. (2.4 kg.)
Power Source..... Four "AA" alkaline batteries, 1.5 V each
Power specification ..... 7.5V(MAX) 1.9W/250mA(MAX)
Battery Life..... 5000 hours (continuous operation, no alarming)
Expected Service Life ..... 7 Years
Oxygen Measurement Range.....0% to 100% oxygen
Display Resolution..... 0.1% oxygen
O2 Concentration Adjustment Range..... 21% to 100% O2

Pressure Monitor Specs
Pressure measurement range ..... -15.0 - 60.0 cmH2O
Display resolution..... 0.5 cmH2O
Pressure Accuracy ..... ±1.0 cmH2O
High Pressure Alarm Range ..... 1-60 cmH2O, Off
Low Pressure Alarm Range ..... Off, 1-30 cmH2O
Pressure Alarm Resolution..... 1 cmH2O

Alarm Specs

Pressure Differential Alarm Activation ..... When supply pressures differ by 20 PSI (1.3 BAR) or more alarm is activated
Low Oxygen Alarm Range..... 15%-99% (>1% lower than high alarm)
High Oxygen Alarm Range..... 16%-100% (>1% higher than low alarm)
(according to IEC 60601-1-8 Audible Alarms in Medical Equipment)
Alarm Volume (all priorities)..... 72 dB(A) ± 7 dB(A) at 1 meter

O2 Sensor Specs

Total accuracy* ..... ±3% actual oxygen level over full operating temperature range
Oxygen Measurement Accuracy ..... ±1% oxygen
Linearity ..... ± 1% at constant temperature and pressure
Error Over Operating Temp Range ..... ±3% oxygen, maximum
Response Time to 90% of Final Reading*..... @ 77°F (25°C) ≤20 seconds
Storage Temperature Range..... 5°F to 122°F (-15°C to 50°C)
Expected Useful Life..... 1,500,000 O2% hours (approx. 2 years average use)

NOTE: All specifications assume the following standard environmental conditions, unless specified otherwise:
- Ambient and sample gas temperatures of 77°F (25°C)
- Barometric pressure of 30 inHg (102 kPa)
- Ambient relative humidity of 50%
- Sample gas relative humidity of 0%