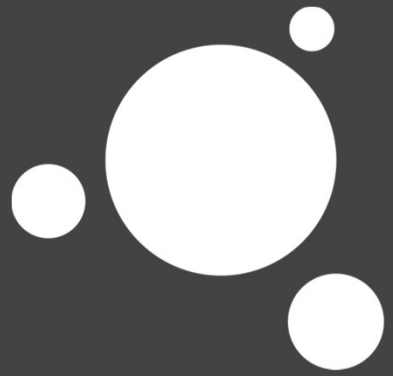
** CONFIDENTIAL - INTERNAL USE ONLY **



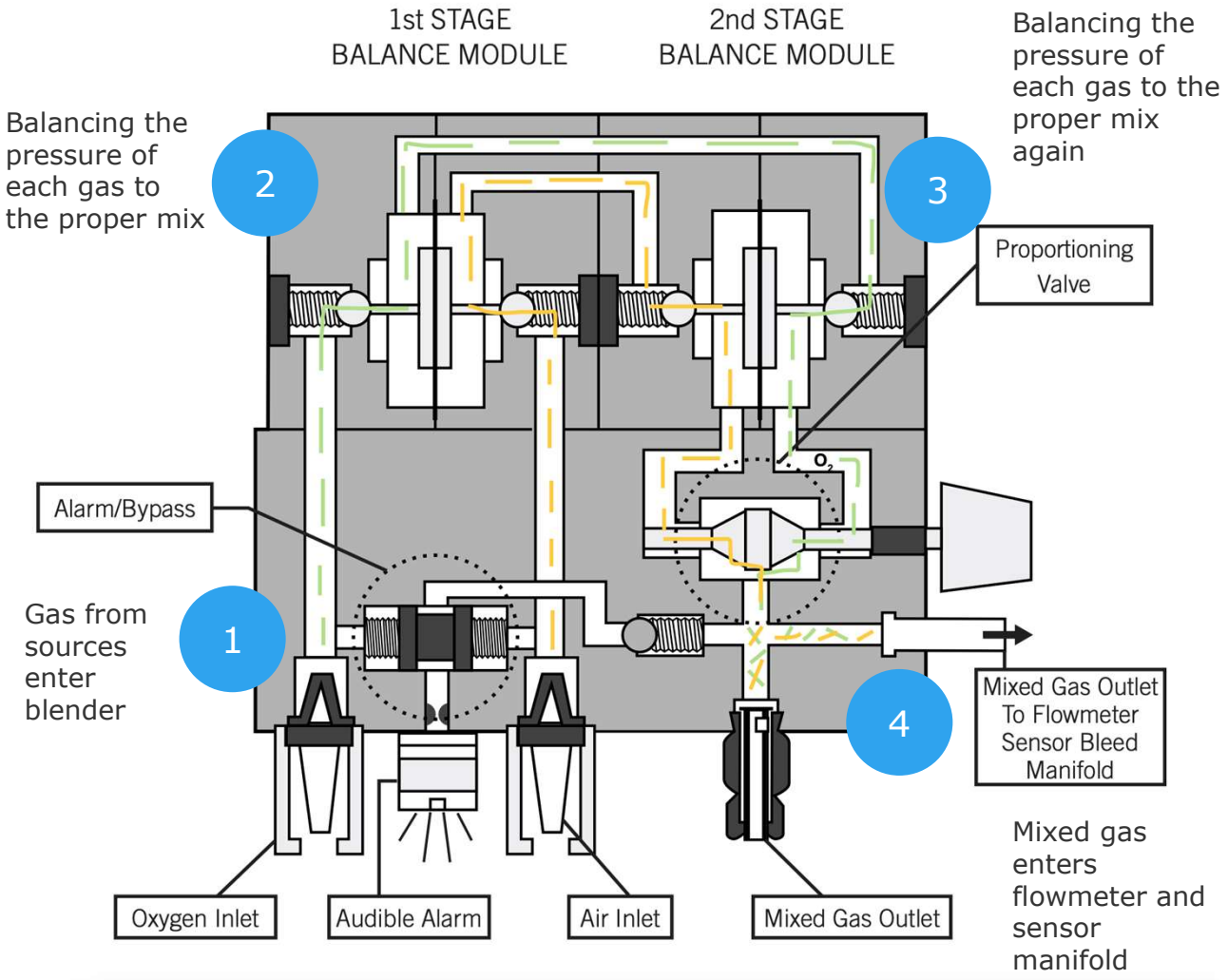
MaxBlend 2

INTRO TO THE MAXBLEND 2

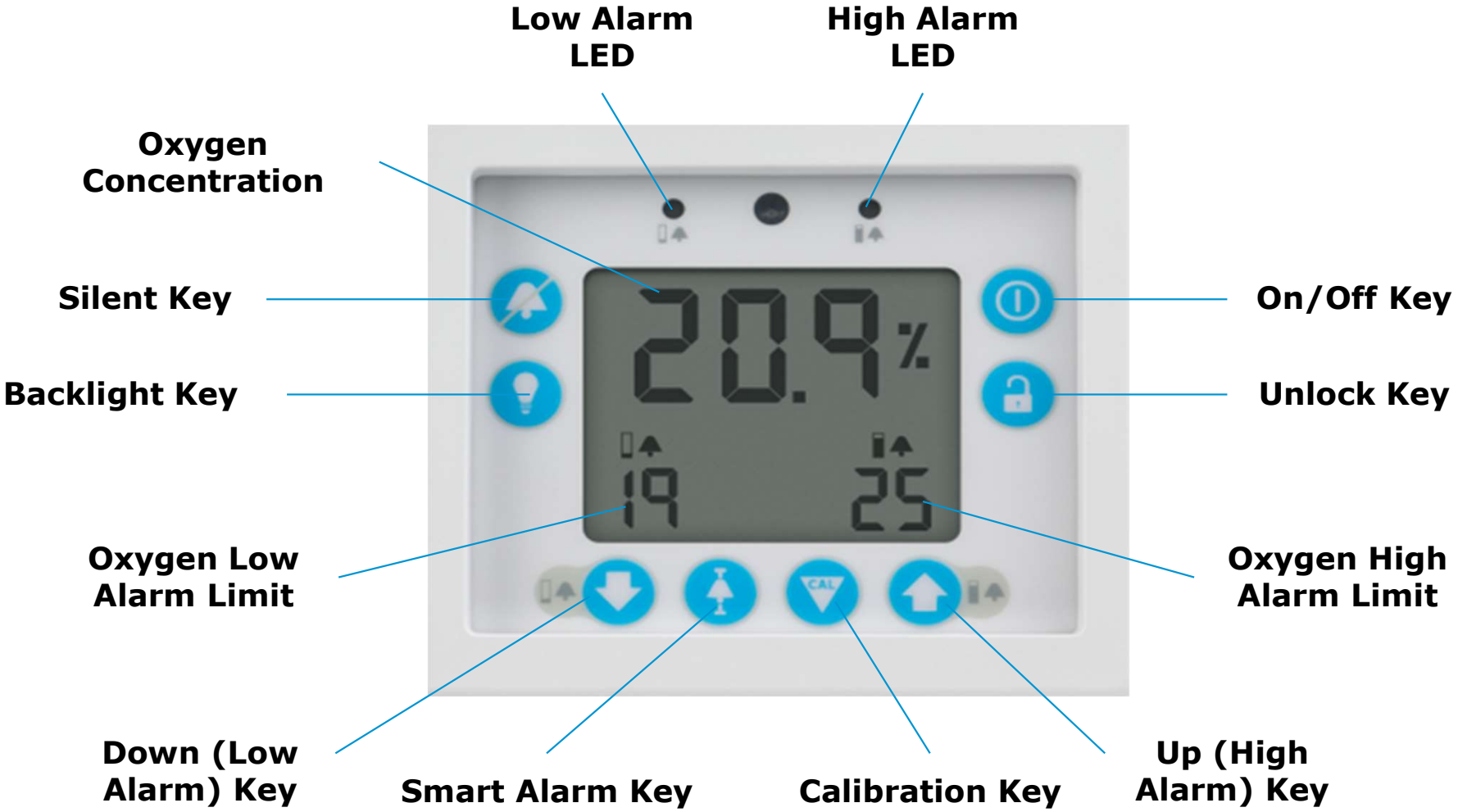
The MaxBlend 2 helps clinicians who want to prioritize patient safety and streamline patient care when delivering oxygen to patients by integrating an FiO_2 monitor, air-oxygen blender, and flow meter into a single device.

HOW IT WORKS


MaxBlend2
Air inlet
Oxygen inlet


1st STAGE
BALANCE MODULE
2nd STAGE
BALANCE MODULE
Balancing the pressure of each gas to the proper mix
Balancing the pressure of each gas to the proper mix again
2
3
Proportioning Valve
Alarm/Bypass
Gas from sources enter blender
1
4
Mixed Gas Outlet To Flowmeter Sensor Bleed Manifold
Mixed gas enters flowmeter and sensor manifold
Oxygen Inlet
Audible Alarm
Air Inlet
Mixed Gas Outlet

HOW IT WORKS


Low Alarm LED
High Alarm LED
Oxygen Concentration
Silent Key
On/Off Key
Backlight Key
Unlock Key
20.9 %
19
25
CAL
Oxygen Low Alarm Limit
Oxygen High Alarm Limit
Down (Low Alarm) Key
Smart Alarm Key
Calibration Key
Up (High Alarm) Key

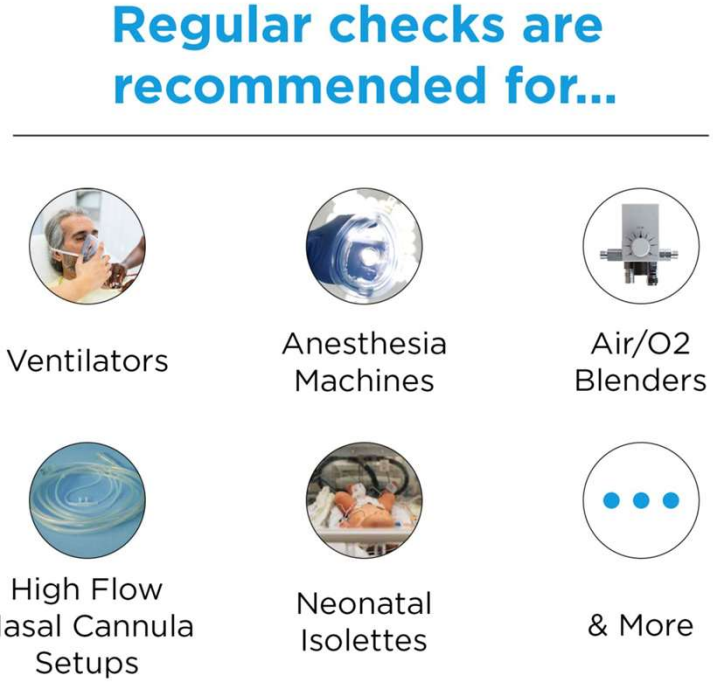
Why Would A MaxBlend 2 Be Needed?

AARC Clinical Practice Guidelines state:

"All oxygen delivery systems should be checked at least once per day."

"More frequent checks by calibrated analyzer are necessary in systems:

- susceptible to variation in oxygen concentration (e.g., high-flow blending systems)"
- applied to patients with artificial airways"
- delivering a heated gas mixture"
- applied to patients who are clinically unstable or who require an FiO_2 of 0.50 or higher."



AARC Clinical Practice Guideline: Oxygen Therapy for Adults in the Acute Care Facility. (2002). Respiratory Care Journal, 47(6), 719.

PATIENT SAFETY

1. A built-in FiO_2 monitor alerts clinicians of unexpected FiO_2 changes before care might be disrupted.

2. Deliver accurate flows with an integrated DFB dual-scale flow meter that is uniquely calibrated for the pressure drop associated with blenders as flow rates are increased.

3. This integrated solution prevents analyzers and flow meters from being easily removed and taken to other patient areas, minimizing the risk of cross-contamination.

ACQUIRE A DEEPER UNDERSTANDING OF PATIENT STATUS

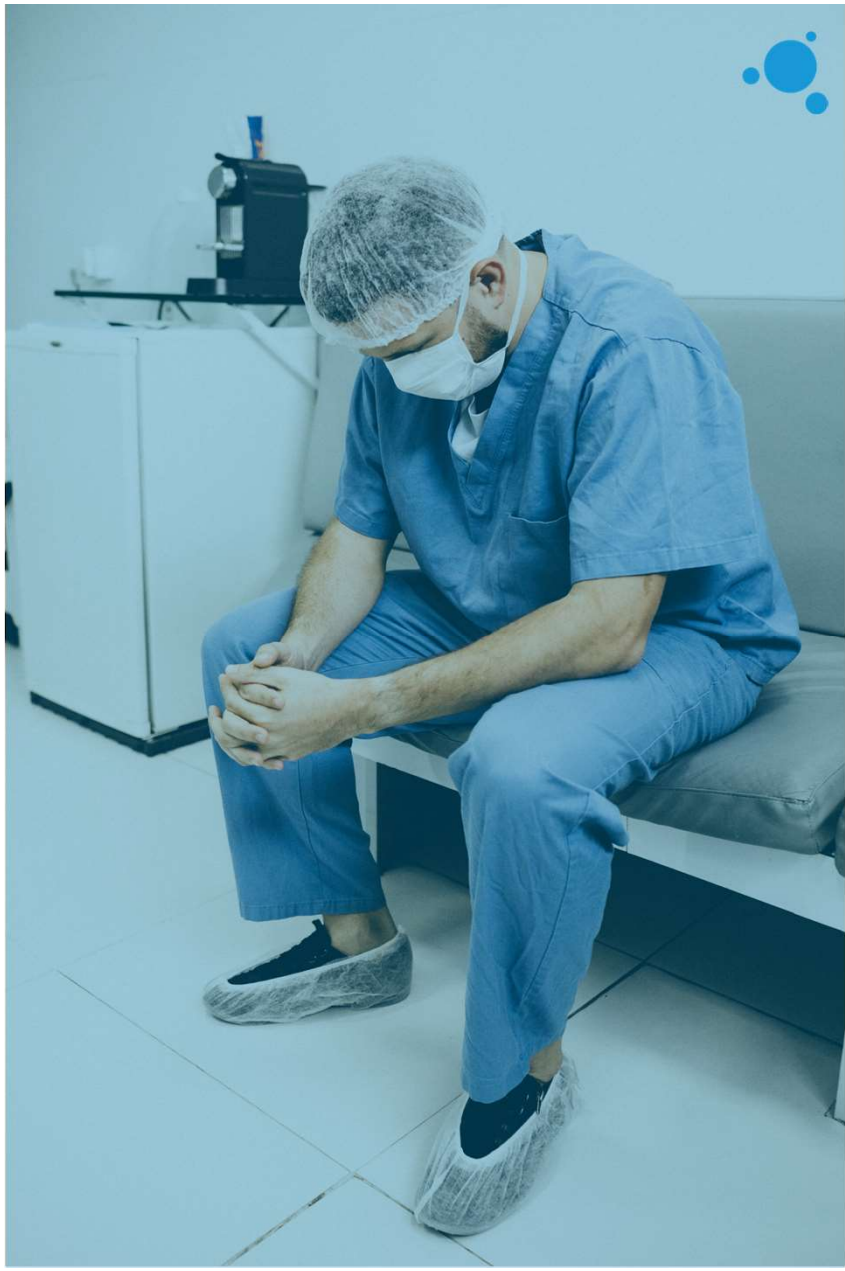
1. FiO_2 readings alongside other patient vitals can give clinicians more information to help make care decisions.

2. By enabling FiO_2 measurements to be taken upstream of humidification, CPAP, and ventilation systems, the gas measurement is kept free from pressure, temperature, and humidity variances, resulting in increased accuracy of readings.

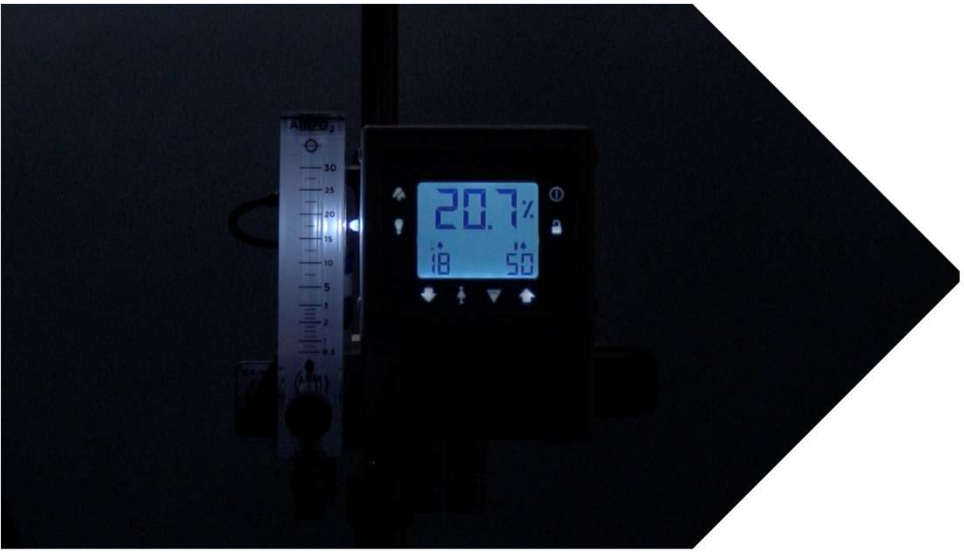
ALLEVIATE ALARM FATIGUE

Alarm fatigue can be reduced with the independently adjustable high and low alarms that allow clinicians to set the alarm parameters specific to their hospital protocol or patient requirements.

ALARM FATIGUE: sensory overload when clinicians are exposed to an excessive number of alarms, which can result in desensitization to alarms and missed alarms.



AVOID DISRUPTIONS TO PATIENT COMFORT



Backlit Screen & Flowmeter

1. The MaxBlend 2 has a backlight function on the LCD display and flow meter for low light settings so patients can rest comfortably while clinicians check the monitor.

2. Low-cost muffled adapter (R219P50-100) offered as an added accessory option to dampen the noise commonly associated with delivering higher flows so patients can rest peacefully.

SIMPLIFY SET UP AND SAVE SPACE

1. Save space while reducing set up, cleaning, and reprocessing time with a blender, dual-scale flow meter, and monitor fully integrated into a single solution.

2. Intuitive digital interface makes care adjustments fast and simple.

3. Longer PM cycle than other standard blenders because of monitor (3 years vs. 2 years).

BLEED CONTROL

WHAT DOES IT MEAN?

ACCURATE FiO_2%: Blenders require a minimum flow to be accurate. By adjusting the toggle to the appropriate position, the user will allow the gas to flow properly through the blender.

Q: What if my toggle is in the wrong position?

A: The built-in monitor is ALWAYS correct (as long as it is calibrated correctly) and will ensure (display/monitor) the actual FiO_2.

GAS SAVINGS: Blenders require a bleed for accuracy. Once your flows expand past these flow ranges, the blender no longer needs a bleed for accuracy. At this point, any and all gas running through the blender bleed is wasted.

Keep accuracy & waste less gas!

SAVE ON OPERATING COSTS

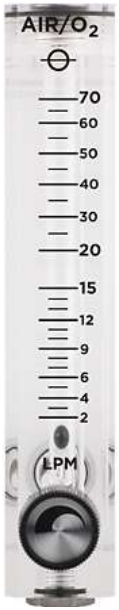
Built-in bleed control can greatly lower the amount of wasted gas to save your hospital money.

Gas bleed savings calculator can calculate potential savings

Example: a hospital with 50 beds that each have a high flow blender could save **over $26k** with a MaxBlend 2 vs. a standard standalone blender.

FIND THE RIGHT SOLUTION FOR THE RIGHT PATIENT

Offered with 4 different flow meter range options (see below: 0-3 LPM, 0-15 LPM, 0-30 LPM, and 0-70 LPM) and offered with DISS, NIST, or AFNOR fittings to ensure clinicians have the right set-up for the patient population they are treating.



MAXBLEND 2 ACCESSORIES

- The MaxBlend 2 comes with a Max-550E oxygen sensor, Max-550E flow diverter, sensor cable, and 2 AA batteries.

- Maxtec also offers additional accessories to optimize your oxygen delivery set-up, including add-on flow meters, air/oxygen hoses, universal mounting brackets, noise-muffling adapters, and more.