

blenders



# MaxBlend 2

An all-in-one blender, oxygen monitor and dual scale flow meter



- Backlit LCD display
- Easy-to-use smart alarms
- Dual scale acrylic DFB flow meter with back light

The MaxBlend 2 has been designed by Maxtec with years of customer feedback in mind.

This easy-to-use, low maintenance blender has a range of new features and improvements, including a backlit LCD display and acrylic dual scale flow meter, smart alarms, DC power port, extended battery life plus a 3 year manufacturer's warranty.



# MaxBlend 2

## Specifications

|  |   |
|--|---|
| Model Weight                           | Approximately 2404 g (5.3 lbs)  |
| Power Source                           | 4 x 1.5V, AA alkaline batteries   |
| Battery Life                           | 5,000 hours (continuous operation; no alarms, no lights)  |
| Oxygen Concentration Measurement Range | 0 - 100% oxygen   |
| Display Resolution                     | 0.1% oxygen   |
| Oxygen Concentration Adjustment Range  | 21% to 100% oxygen  |
| Gas Supply Pressure                    | The gas supplies must provide clean, dry, medical-grade air and oxygen at a pressure of 30 to 75 psig (2.1 to 5.2 bar). |
| Pressure Drop                          | Less than 6 psi (0.4 bar) @ 50 psig (3.4 bar) sensor supply pressure and 10 lpm flow rate                               |
| Sensor Bleed Flow                      | 0.1 lpm @ 50 psig (3.4 bar)   |
| Bleed Flow (toggle ON)                 | 3 lpm for low-flow blender<br>13 lpm for high-flow blender  |
| Outlet Flow Range                      | 0 - 30 lpm for low-flow blender<br>2 - 100 lpm for high-flow blender with input pressure at 50 psig (3.4 bar)           |
| Operating Temperature Range            | 15°C to 40°C (59°F to 104°F)  |
| Storage Temperature Range              | -15°C to 50°C (5°F to 122°F)  |
| Relative Humidity Range                | 0 - 95%, non-condensing   |
| Flow Meter Accuracy                    | ± 10% of indicated value or 0.5 lpm, whichever is greater with 50 psig inlet pressure                                   |

## Part Numbers

|                                       |         |
|---------------------------------------|---------|
| MaxBlend 2 (NIST) - Low Flow Blender  | 0310291 |
| 0 - 15 lpm Flow Meter                 |         |
| MaxBlend 2 (NIST) - High Flow Blender | 0310293 |
| 0 - 70 lpm Flow Meter                 |         |

Available in a variety of flow rates, inlet fittings and either Bird or Bio-Med Devices blenders, please contact us for further information

Specifications subject to change

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