MARK 7® AND MARK 7A® RESPIRATORS

The Bird Mark 7 Series Respirators are pneumatically powered, pressure cycled, flow adjustable devices utilized for the delivery of routine IPPB therapy. They are used to provide short-term or intermittent mechanical ventilation for the purpose of augmenting lung expansion, delivering aerosol medication, and assisting ventilation.

PRODUCT SPECIFICATIONS

FEATURES
- Independent flow rate control permits precise regulation of the inspiratory gas flow for flexible individualized patient care.
- Simplified internal circuitry for ease of maintenance and repair.
- Apneustic Flowtime simulates a dynamic (time-cycled) post-inspiratory breath hold for improved PPB therapy. (Mark 7A only)

ORDERING INFORMATION

<table>
<thead>
<tr>
<th>PART NUMBER</th>
<th>DESCRIPTION</th>
</tr>
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<tbody>
<tr>
<td>07100</td>
<td>MARK 7 Respirator, w/therapy circuit (P/N 00133S)</td>
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<tr>
<td>07150</td>
<td>MARK 7A Respirator, w/therapy circuit (P/N 00133S)</td>
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<tr>
<td>07100A</td>
<td>MARK 7 Respiratory Only</td>
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<tr>
<td>07150A</td>
<td>MARK 7A Respiratory Only</td>
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<tr>
<td>07100B</td>
<td>MARK 7 Respirator, French labeled, w/therapy circuit (P/N 00133S)</td>
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<tr>
<td>07150B</td>
<td>MARK 7A Respirator, French labeled, w/therapy circuit (P/N 00133S)</td>
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<tr>
<td>07100G</td>
<td>MARK 7 Respirator, German labeled, w/therapy circuit (P/N 00133S)</td>
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<tr>
<td>07150G</td>
<td>MARK 7A Respirator, German labeled, w/therapy circuit (P/N 00133S)</td>
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PRODUCT SPECIFICATIONS

OPERATING RANGES
- Inspiratory Pressure . . . . . . . . . . . . . 5 to 60 cmH2O
- Pressure Relief (Adjustable) . . . . . . . . . . . . Preset at 30 cmH2O
- Inspiratory Flow rate (Maximum) . . . . . . . . . . . . ≥ 68 LPM
- Starting Effort . . . . . . . . . . . . . . . . . . -0.5 to -5.0 cmH2O
- Expiratory Time . . . . . . . . . . . . . . . . . . 0.5 sec to ∞
- Apneustic Flowtime (Mark 7A only) . . . . . . . . . . . . OFF, 0.3 to 3.0 sec
- Apneustic Flow (Mark 7A only) . . . . . . . . . . . . . . . . 150 - 200 ml/sec

PHYSICAL WEIGHTS & DIMENSIONS

DIMENSIONS
- H - 8.5" (22 cm)
- W - 10.5" (27 cm)
- D - 6.5" (16 cm)

WEIGHT
- 6 lbs. (2.8 kg)

Note: Specifications are subject to change without notice.

OPTIONAL ACCESSORIES

<table>
<thead>
<tr>
<th>PART NUMBER</th>
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<tbody>
<tr>
<td>00010</td>
<td>2 Stage Oxygen Cylinder Regulator</td>
</tr>
<tr>
<td>00050</td>
<td>Pedestal Mount Stand Assembly</td>
</tr>
<tr>
<td>00133S*</td>
<td>Therapy Circuit, Positive Pressure Breathing</td>
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<tr>
<td>02608</td>
<td>Stand Assembly w/5-leg Base and Mounting Bracket</td>
</tr>
<tr>
<td>07189</td>
<td>Adult Silicone Mask Set</td>
</tr>
<tr>
<td>07298</td>
<td>Mainstream Bacterial Filter</td>
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<tr>
<td>07340</td>
<td>Pediatric Silicone Mask Set</td>
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<tr>
<td>07024</td>
<td>Continuous Ventilation Circuit</td>
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<tr>
<td>08133U</td>
<td>Autoclavable Therapy Circuit</td>
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<tr>
<td>09024</td>
<td>Continuous Ventilation Circuit (Autoclavable)</td>
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</tbody>
</table>

Recommended Accessory

SHIPPING INFORMATION

DIMENSIONS
- MARK 7 H - 14" (36 cm)
  W - 13" (33 cm)
  D - 10" (25 cm)
- MARK 7A H - 14" (36 cm)
  W - 13" (33 cm)
  D - 10" (25 cm)

WEIGHT
- MARK 7 9 lbs (4.1 kg) w/circuit
  8 lbs (3.7 kg) w/o circuit
- MARK 7A 10 lbs (4.6 kg) w/circuit
  9 lbs (4.1 kg) w/o circuit

THE MARK 7 RESPIRATOR

The Mark 7 Respirator features automatic inspiratory nebulization that is independent from the inspiratory flowrate setting. This feature permits optimal aerosol production even when using low inspiratory flowrates. It utilizes all standard patient/ventilator interfaces.

The Mark 7A Respirators features Apneustic Flowtime, a mechanical means of simulating an inspiratory breath hold for improved distribution and retention of inspired aerosols. During the time cycled breath hold phase, a low flow of gas is delivered through the nebulizer which delivers a very dense aerosol to the patient. The operator controls the duration of the inspiratory hold during this phase.

VIASYS Healthcare - Critical Care Division
1100 Bird Center Drive,
Palm Springs, California 92262

Telephone Orders To:
(800) 328-4139 • (760) 778-7200
Fax: (760) 778-7274

Rembrandtlaan 1b, 3723 BG Bilthoven
P.O. Box 299, 3720 AG Bilthoven
The Netherlands

Phone: (31) 30 2289 711
Fax: (31) 30 2286 244

www.ViasysCriticalCare.com

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