**L554 Reusable Manual Resuscitator**

*L554 Reusable Manual Resuscitators* are autoclavable rear-fill manual resuscitation systems that are available in adult, child and infant sizes. The L554 features a silicone bag that provides an excellent “feel” of the patient’s respiratory response, and the durable polysulfone patient valve and connectors provide long life at autoclave temperatures of 270°F (132°C).

When connected to a metered low flow oxygen source, the L554 resuscitator can deliver FiO₂ concentrations between 73% and 97%. Used in conjunction with an L471 bag refill valve, it ensures 100% oxygen is delivered during resuscitation.

Child and infant bags are available with an optional pressure relief valve, which activates at 45 cm H₂O and can be over-ridden by the operator.
Reusable Manual Resuscitator

<table>
<thead>
<tr>
<th></th>
<th>Mask Size</th>
<th>Oxygen Enrichment Assembly</th>
<th>45 cm H₂O Pressure Relief Valve</th>
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<tbody>
<tr>
<td>ADULT</td>
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<tr>
<td>L554-000</td>
<td>Cuffed #5</td>
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<tr>
<td>L554-005</td>
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<td>CHILD</td>
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<td>L554-100</td>
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<td>INFANT</td>
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<td>L554-210</td>
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**MASKS & ACCESSORIES**

- **LPEEP** Disposible PEEP Valve with adapter, 12/case
  - **L040081** Orange molded plastic carrying case
  - **L099-005** Adult Cuff Mask, Size #5
  - **L099-002** Child Cuff Mask, Size #2
  - **L099-000** Infant Cuff Mask, Size #0
  - **L595160-050** Adult Tru-Fit Silicone Mask, Size #5
  - **L595160-020** Child Tru-Fit Silicone Mask, Size #2
  - **L595166** Child Silicone Mask, Size #2
  - **L595165** Infant Silicone Mask, Size #1
  - **L595164** Infant Silicone Mask, Size #0

**Specifications:**

- **Bag Volume:**
  - Adult: 1500 ml
  - Child: 760 ml
  - Infant: 240 ml
- **Patient Valve Dead Space:** 8 ml (not including mask)
- **Patient Connection:**
  - 22 mm outside diameter
  - 15 mm inside diameter
- **PEEP Connection:** 30 mm outside diameter
- **Operating Temperature:** -30°F to 125°F (-34°C to 52°C)
- **Storage Temperature:** -40°F to 160°F (-40°C to 71°C)
- **Sterilization Temperature:** 270°F (132°C)
- **Materials:**
  - **Bag:** Silicone
  - **Patient Valve:** Polysulfone
  - **Intake Housing:** Lexan™

**Optional disposable 30 mm PEEP valve with 19 mm valve adapter to complete the ventilation system.**

- Adjustable from 0-20 cm H₂O
- Fits easily on the exhalation valve
- Can be used on all makes of manual resuscitators
L554 Combination Kits

The L554 resuscitator can be ordered in individual sizes (as shown on the left) or as a kit. Kits shown below come in varying combinations of adult, child, and infant bags as well as various size masks. Combination kits are a portable and cost effective way to ensure that your L554 system is capable of addressing the resuscitation needs of a broad range of patients, without the redundancy of ordering multiple adult, child, or infant resuscitators separately. The diagram below shows all of the available components which can be included in your kit. Each kit will include one of each item as described in the table at the bottom of the page.

Legend:
A: Adult/Child Size Oxygen Enrichment Kit
B: Infant Size Oxygen Enrichment Kit
C: Adult Size Bag
D: Child Size Bag (*with or without 45 cmH₂O pop-off*)
E: Infant Size Bag (*with 45 cmH₂O pop-off*)
F: Universal Exhalation Valve Assembly
G: Adult Cuffed Mask (#5)
H: Child Cuffed Mask (#2)
I: Infant Cuffed Mask (#0)
J: Infant Silicone Mask Set (#1 & #0)

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<th>L554 Kits</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
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More Innovations by Allied:

L770-CPR
ResusciTimer

L190-GR
AC/DC Portable Aspirator

L471
LSP Bag Refill Valve

L146 & L474
Gas-Powered Portable Aspirators

AHP300
Full-Featured Electronic Transport Ventilator

LSP Oxygen Regulators

All specifications are nominal and subject to change without notice.

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