Laerdal Silicone Resuscitators

Parts/Assembly Illustration

Reassembling

- Location Resuscitator in original box/packaging.
- Drop the adult bag into the Adult Carry Case.
- Attach the Adult Carry Case to the Adult Display Case.
- Wrap the Pediatric Carry Case around the Ped. Resuscitator.
- Attach the Pediatric Carry Case to the Ped. Display Case.
- Secure the carry case to the display case with the Velcro pouches.

Optional Equipment/Accessories

- Hanger Loop Silicone rubber
- Wall Mount ABS Acryl nitrilbutadiene styrene
- Hanging Loop Silicone rubber
- Velcro pouch Polyethylene

Technical Specifications

- Performance data may vary greatly with the operating conditions under which they were obtained. Consequently, the figures in one test are not directly comparable with data found in another test unless test conditions were identical.
- The product is in compliance with the essential requirements written in the EC Directives. 93/42/EEC Medical Device Directive.
- Product meets the following product standards:
  - EN ISO 80601-2-30:2005: Ear and head phones
- Resuscitators should not be used with supplementary oxygen when oxygen is permitted or when fire, flame, oil or grease is in close proximity.
- Resuscitators should only be used by persons who have received adequate training.
- It is mandatory that anyone who uses a manual resuscitator receive adequate instruction.
- Under normal conditions of use, no regularly scheduled factory service should be necessary.
- The use of third party products and oxygen delivery devices (e.g. filters and demand valve) with the Laerdal Silicone Resuscitator may have an effect on system performance. Consult with the manufacturer of the third party device to verify compatibility with the Laerdal Silicone Resuscitator.
- Laerdal strongly discourages the use of mixing and bag agents. Such agents may not be compatible with the materials used in the Laerdal Silicone Resuscitator and may affect the material and/or performance.
- Product specifications are subject to change without notice.

Laerdal Silicone Resuscitators

- Laerdal Silicone Resuscitators are designed and engineered for safety and efficacy. All components, parts and assemblies listed in this Part I may be replaced, when necessary, with new Laerdal Silicone Resuscitator parts. Under normal conditions of use, replacement of components is not necessary.
- Resuscitators should not be used in toxic or hazardous atmospheres.
- Resuscitators should only be used by persons who have received adequate training.
- Read these Directions for Use carefully and become thoroughly familiar with the detailed description of design and function before using the Laerdal Silicone Resuscitator before using it.
- This manual provides the information required to fully utilise the Laerdal Silicone Resuscitator, its components and accessories. It includes practical procedures. Under normal conditions of use, replacement of components is not necessary.
- Please refer to the Global Warranty statement for additional terms and conditions.

Laerdal Silicone Resuscitators

- Laerdal Silicone Resuscitators are products are carefully engineered and produced using materials that are subject to the joint care. According to the latest research, for use and maintenance of the Laerdal Silicone Resuscitator before using it.
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To use the Laerdal Leak Strip:

For Child Mask 3-4 and Adult Mask 4-5, snap the part to be checked into the Lip Valve Housing. The Laerdal Leak Strip Pro provides pressure on the test area and allows spontaneous breathing with a 25 mm (1 inch) diameter nose mask. Make sure that the mask is not completely occluded. The Patented valve is tested for patients below 25 kg (56 lb). The collapsible valve is tested for patients over 25 kg (56 lb).

Ventilation with ambient air: 

If no leak is observed, the Laerdal Leak Strip Pro can be used for ventilation with ambient air. 

Indications for Use

The Laerdal Silicone Resuscitator is a self-inflating manual resuscitator that is intended for patients who are hypoxic or have a low oxygen saturation (less than 70%). It is designed to provide adequate tidal volume ventilation with oxygen or with an oxygen source via the oxygen nipple. Concentrations delivered during ventilation with an oxygen source can be adjusted by opening the T-piece. 

The Laerdal Silicone Resuscitator can be combined with a Cuffless System to ensure an adequate air seal and ventilation. The Cuffless System is a self-inflating manual resuscitator that provides adequate tidal volume ventilation with oxygen or with an oxygen source via the oxygen nipple. Concentrations delivered during ventilation with an oxygen source can be adjusted by opening the T-piece. 

Use and manipulation of T-piece:

- Attach the Intake Valve to the T-piece and the Patient Valve to the T-piece. 
- Align the Intake Valve connector with the T-piece connector nipple. 
- Compress the bag using the T-piece. 
- The tidal volume is ensured by intake of ambient air over the outlet membrane of the Intake Valve. 
- If an Expiration Diverter is used, exhale the gas through the Expiration Diverter. 
- If no leak is observed, check the Laerdal Leak Strip Pro to confirm the absence of a leak. 

Carefully inspect all parts for signs of wear or damage. Worn or damaged components must be replaced. 

Visually inspect and test valve function to ensure proper operation of the Laerdal Silicone Resuscitator prior to patient use. Improper assembly of the lip valve, transparent dome, nasal mask, transparent dome, and the lip valve after performance. Maintenance of the lip valve may cause malfunction. If the Lip Valve is defective, the Laerdal Silicone Resuscitator is not functional. 

Discontinue ventilation if the Laerdal Leak Strip Pro indicates a leak. 

Lip Valve

- The Lip Valve efficiently lets in ambient air. 
- The Intake Valve efficiently vents excessive gas to atmosphere.

Intake Valve

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