

- REF** - 34256 Rear valve (intake valve)
 - 34259 Non-Rebreathing valve



Instruction for use

Product Description:

Gima Manual Resuscitator is designed for use as an adjunct to artificial respiration and cardiopulmonary resuscitation. The resuscitator can be used to ventilate the apnoeic patient and to augment ventilation and oxygen delivery to the spontaneously breathing patient. The designs are also different according to adult, child and infant by using different compressing frequency. They also come with different sizes to meet all patients' need for oxygen.

Specification

Connectors:

patient port	15 mm I.D.(F)/22 mm O.D.(M)
SILICONE BAG INLET	23 mm I.D.(M)
reservoir valve	23 mm I.D.(F) (to silicone bag inlet) 25 mm O.D.(M) (to oxygen reservoir)

supplemental gas inlet	6 mm O.D.(M)
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Shelf Life **5 years**

Dead Space:

non-rebreathing valve	7ml
adult mask	150ml
child mask	95ml
infant mask	28ml

Pressure Relief Valve:

Child and infant	40 ± 5cmH ₂ O
Adult	60 ± 10cmH ₂ O

	Bag volume	Stroke volume	Reservoir volume	Suitable body weight
Adult Model	1600ml	700ml	2500ml	> 30 kg
Child model	500ml	300ml	2500ml	7-30 kg
Infant model	280ml	150ml	500ml	<7 kg

Stroke volume of 1350ml can be achieved using two hands

Minimum Cycle Rate

Adult 20 breaths/min
 Child 20 breaths/min
 Infant 40 breaths/min

Oxygen Concentration:

with reservoir 99%
 without reservoir 45% (adult and child models)
 90% (infant model)

The performance characteristics for Manual Resuscitators will vary from user to user depending on a variety of factors: ambient temperature, patient lung compliance, ventilatory frequency, size of operator's hands.

Maximum Ventilatory Rates

	-18°C (0°F) Cycle Rate	22°C (72°F) Cycle Rate	22°C (72°F) Cycle Rate
Adult	20	20	20
Child A	30	30	30
Child B	20	20	20
Infant A	60	60	60
Infant B	40	40	40

The results were obtained under the following conditions:

Adult: Vr-600mL, Compliance 0.02L/cmH2O, Resistance 20cm H2O/L/s
 Child A: Vr-70mL, Compliance 0.01L/cmH2O, Resistance 20cm H2O/L/s
 Child B: Vr-300mL, Compliance 0.01L/cmH2O, Resistance 20cm H2O/L/s
 Infant A: Vr-20mL, Compliance 0.001L/cmH2O, Resistance 400cm H2O/L/s
 Infant B: Vr-70mL, Compliance 0.01L/cmH2O, Resistance 20cm H2O/L/s

The correct ventilation frequency may vary, please follow current ventilation frequencies as recommended by major specialist associations.

Range of delivery pressure

Adult: 60±10cm H2O maximum (can be overridden by operator)
 Child and infant: 40±5 cm H2O maximum (can be overridden by operator)

Indication for use:

Gima single use manual resuscitators are indicated to temporarily augment ventilation in patients. Gima Silicone manual Resuscitators are intended to provide emergency ventilation or ventilation during patient transport, with air or air enriched with oxygen. The infant model is intended for patients weighing up to 10 kg, the child model is intended for patients weighing between 10 and 30 kg, and the adult model is

intended for patients weighing more than 30 kg.











Warning:

1. The product should be placed in a dry and clean place and sealed conditions.
2. The operator should be trained and know the skill in CPR resuscitation.

Precautions:

- The patient should be closely monitored by qualified medical personnel when using this device.
- This product is hygienically packed.

Symbols

	Medical Device complies with Directive 93/42/EEC
	Consult instructions for use
	Caution: read instructions (warnings) carefully
	Keep away from sunlight
	Date of manufacture
	Expiration date
	Product code
	Manufacturer
	Keep in a cool, dry place
	Lot number

