



The Silicone Infant Resuscitator (VM-RSSI), the Hi-Care RESSILI, is a silicone bag-valve-mask resuscitator specifically designed for the neonatal and infant airway in patients up to 10kg. It has a 350ml silicone bag delivering the small tidal volumes required for safe neonatal ventilation, approximately 5-8ml/kg or 15-70ml for a neonate, and is supplied with three mask sizes (#0, #1,

#2). It includes a patient valve with pressure relief valve, a reservoir valve and a 900ml oxygen reservoir, and operates from -18°C to +50°C. It is autoclavable and designed to meet Neonatal Resuscitation Program (NRP) requirements. Available in South Africa from Vital Medical.

What Is the Silicone Infant Resuscitator?

The VM-RSSI, the Hi-Care RESSILI, is a silicone bag-valve-mask resuscitator specifically designed for the neonatal and infant airway, for patients up to 10kg. The 350ml silicone bag is the smallest in the resuscitator range, delivering the precisely controlled small tidal volumes required for safe neonatal ventilation, approximately 5-8ml/kg, or 15-70ml for a neonate. Three mask sizes, #0, #1 and #2, are available to accommodate different neonatal and infant face sizes, from premature neonates through to larger infants.

Neonatal Resuscitation Importance

Approximately 10% of newborns require some form of respiratory support at birth, and 1% require active resuscitation with bag-valve-mask ventilation. The VM-RSSI is designed to meet the requirements of neonatal resuscitation as set out by the Neonatal Resuscitation Program (NRP), providing consistent, controlled ventilation with a pressure relief valve to prevent lung injury in the highly compliant neonatal chest. The 900ml oxygen reservoir provides adequate oxygen buffering for neonatal oxygen flow requirements.

Components, Sterilisation and Availability in South Africa

The VM-RSSI includes a patient valve with pressure relief valve, a 350ml silicone bag, a reservoir valve and a 900ml oxygen reservoir. Multiple mask sizes, #0, #1 and #2, are available. The silicone construction is autoclavable for use across multiple patients in neonatal units and delivery suites, and the unit operates across a temperature range of -18°C to +50°C. Available in South Africa from Vital Medical, the VM-RSSI suits neonatal units, delivery suites and emergency departments performing NRP-protocol resuscitation. Facilities can request a free quote through the Vital Medical website and receive a personalised response within 24 hours.

TECHNICAL SPECIFICATIONS TABLE

Specification	Detail
Brand	Hi-Care
SKU	VM-RSSI
Model	RESSILI
Type	Manual BVM resuscitator – silicone – infant
Patient Size	Neonate / infant (up to 10kg)
Bag Volume	350ml (silicone)
Mask Sizes	#0, #1, #2 (neonatal/infant)
Oxygen Reservoir	900ml
Components	Patient valve with PLV, silicone bag, reservoir valve, O2 reservoir
Sterilisation	Autoclavable (silicone)
Operating Temp	-18°C to +50°C
Application	Neonatal resuscitation, NRP protocol, delivery suite

SKU: VM-RSSI