

Resusci Flow



“Resusci Flow” is a resuscitation unit that performs artificial respiration with a stable pressure.

Neonatal asphyxia occurs in approximately 10% of all births* inclusive of low risk deliveries and it is difficult to predict when it occurs and who performs neonatal resuscitation.

*Reference: AAP/AHA Textbook of Neonatal Resuscitation Edited by Masanori Tamura, Igaku Shoin, 2006.



Resusci Flow



User-friendly Operation

◆ Simple operation supports resuscitation.

By placing a face mask on the newborn, the user has the ability to control the inspiratory time by placing a finger on T Flow Valve.



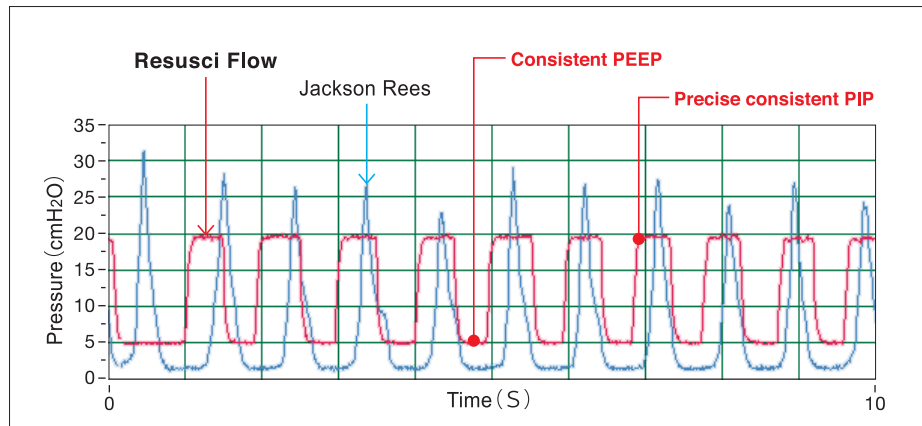
- Simple operation with a thumb

High Safety

◆ Safety function to protect newborn's respiration.

- Preset peak inspiratory pressure (PIP) and positive end-expiratory pressure (PEEP) to a constant pressure.
- The positive end-expiratory pressure (PEEP) of the T Flow Valve can be adjusted by pulling up the dial and therefore preventing human error during the procedure.

Ref: Data from measurements of Resusci Flow and Jackson Rees circuit.



- *The Resusci Flow provides a consistent controlled PIP and PEEP throughout the resuscitation process.

Support the flowchart algorithm of Neonatal Resuscitation Program (NRP)



Optional CPR Timer

A chime every 30 seconds indicates the notable intervals in assessing the newborn's condition.

*A training mode that stops every 30 seconds is available to practice the resuscitation procedure.

Resusci Flow

Broad
Versatility

◆ Supports artificial respiration in various situations.

Other than artificial respiration through a mask, free flowing oxygen administration and artificial respiration through an endotracheal tube can be achieved



When a gas supply is available, artificial respiration is possible not only in the delivery and operating rooms but also possible during transportation.



Specifications

	Resusci Flow Rail mounting type	Resusci Flow w/Blender/Rail mounting type
Atom's code	60362	60363
Pressure gauge indication	-2~8kPa (-20~80cmH ₂ O)	-2~8kPa (-20~80cmH ₂ O)
Gas supply pressure	—	300~500kPa (3~5kgf/cm ²)
Maximum pressure limit (P _{MAX}) setting range	Pressure:2.0~5.9kPa (20~60cmH ₂ O) (Factory default:3.9kPa(40cmH ₂ O))	Pressure:2.0~5.9kPa (20~60cmH ₂ O) (Factory default:3.9kPa(40cmH ₂ O))
Oxygen concentration range	—	21~100%
Flow rate range	—	0 ~ 15L/min
Dimensions	150 (W)×183 (W)×184 (H) mm	185 (W)×170 (D)×277 (H) mm
Weight	Approx. 1.2kg	Approx. 3.8kg
Accessories	Patient circuit (with the T Flow Valve and the corrugated tube).....1 Test bag1 Oxygen supply hose (1.2m).....1	Patient circuit (with the T Flow Valve and corrugated tube).....1 Test bag1 Piping connecting hose (for air)1 Piping connecting hose (for oxygen)1

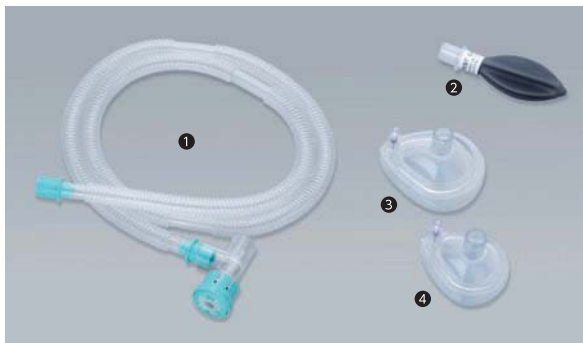
CPR Timer

Atom's code	60366
Power requirements	R14 battery×4 (Batteries are not supplied with the product. They are not available from ATOM.) Hours of continuous operation:Approx. 90 hours (when operating on four R14 alkaline batteries)Power consumption:1VA
Timer display	0~59 minutes 59 seconds (in one second increments)
Dimensions	185 (W)×117 (W)×52 (H) mm
Weight	0.75kg (including batteries)

Option&Supply

Atom's code	Description
① 60364	Patient Circuit For Resusci Flow (5 pcs/pkg)
② 60298	Test Bag, 50mL (5 pcs/pkg)
③ 60144	Face Mask For Infant (20 pcs/box)
④ 60143	Face Mask For Neonatal (20 pcs/box)
⑤ 60368	Resuscistand w/cylinder Rack (for 2 pcs)

Atom's code	Description
60367	MF Rail, 26cm Pole mounting type
60306	MF Rail, 7cm Pole mounting type
60369	Basket Rail mounting type
61226	Pressure Regulator OX-231 For Oxygen Cylinder, Screw Type
61227	Pressure Regulator OX-232 For Air Cylinder, Screw Type



Atom Medical Corporation maintains a continuing product improvement program, and therefore the equipment actually purchased and received may differ in specifications and/or configuration from that shown in the catalog.