

Resusci Flow

Resuscitation Unit



“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.

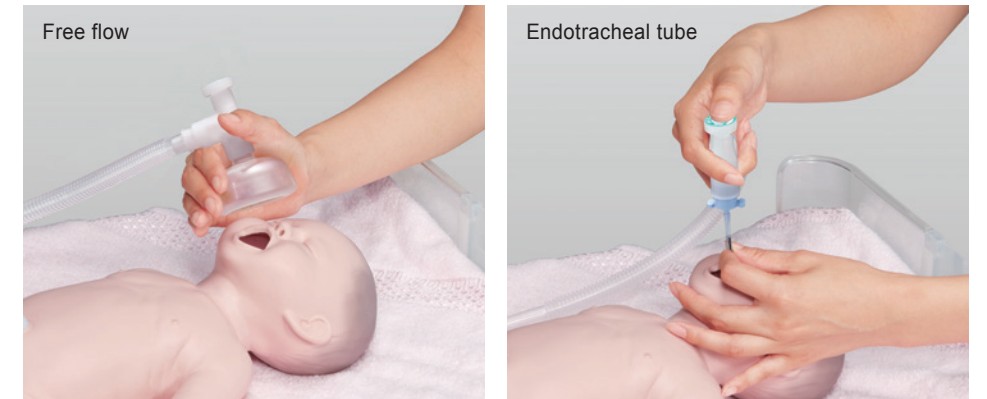


• Simple operation with a thumb

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

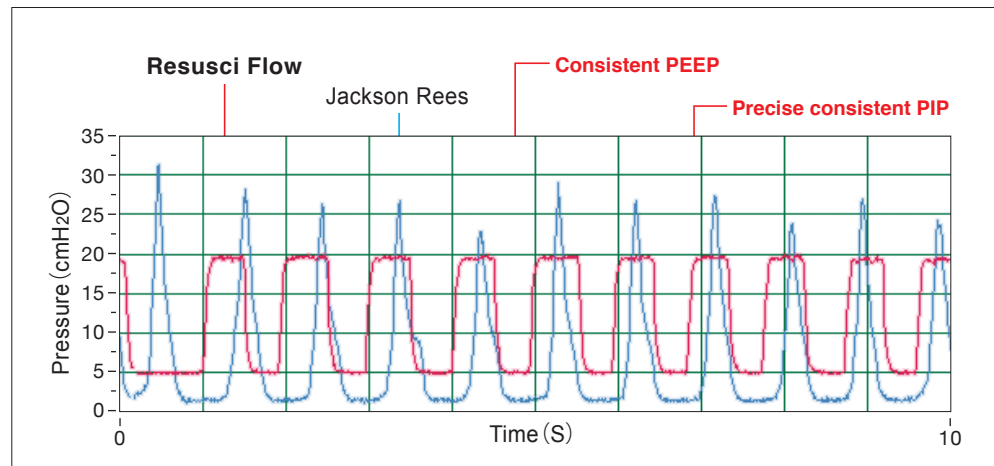


High Safety

◆ 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 rotating the knob.

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.

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



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.



Products Lineup

Resusci Flow

Atom's code	Description
60362	Rail Mounting Type
60363	w/ Blender /Rail Mounting Type

Specifications

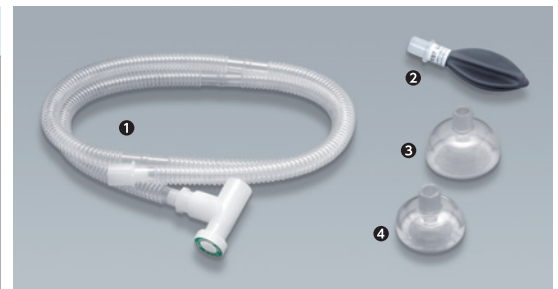
	Resusci Flow Rail mounting type	Resusci Flow w/Blender /Rail mounting type
Classification	IIb	IIb
Dimensions	150(W)x183(D)x184(H) mm	185(W)x170(D)x277(H) mm
Weight	Approx. 1.2Kg	Approx. 3.8Kg
Accessories	Patient circuit (with the T Flow Valve and the corrugated tube1, Test bag1, Oxygen supply hose (1.2m)1, Operation manual1	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, Operation manual1
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	2.0-5.9kPa (20-60cmH ₂ O) (Factory default : 3.9kPa (40cmH ₂ O))	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

CPR Timer

Atom's code	60366
Power requirements	R14 Battery x 4 Operating time : Approx. 90H
Power consumption	1VA
Dimensions	185(W)x117(D)x52(H) mm
Weight	Approx. 0.75Kg (including batteries)

Options & Supplies

Atom's code	Description
① 60386	Patient Circuit For Resusci Flow (5pcs/box)
② 60298	Test Bag, 50mL (5pcs/pkg)
③ 60145	Face Mask For Infant (20pcs/box)
④ 60146	Face Mask For Neonatal (20pcs/box)
⑤ 60368	Resuscistand w/ Cylinder Rack (for 2 pcs)
60367	MF-Rail , 26cm Pole Mounting Type
60306	MF-Rail , 7cm Pole Mounting Type
60616	MF-Rail for F-Rail (Common to Left & Right)
60369	Basket Rail Mounting Type
60226	Pressure Regulator OX-231 for Oxygen Cylinder, Screw Type
60227	Pressure Regulator OX-232 for Air Cylinder, Screw Type



Atom Medical products are produced under strict production control in Japan.
We provide value and trust of the highest quality for the tiny baby lives in the world.

 **ATOM MEDICAL CORPORATION**

<https://www.atomed.co.jp/english>