

Standard Configuration

Infant T piece resuscitator, Low-pressure hose assemblies(oxygen), Low-pressure hose assemblies(air), Test lung, Resuable collection jar, Filter, Suction hose, Hand control valve, Overflow protection cup.

Accessaries	Picture	Accessaries	Picture
Low-pressure hose assemblies(oxygen)		Filter	
Low-pressure hose assemblies (air)		Suction hose	
Test lung		Hand control valve	
Resuable collection jar		Overflow protection cup	



NEO-II

INFANT T-PIECE RESUSCITATOR



Ningbo David Medical Device Co.,Ltd

Add: Bldg No. 5 Ningbo Smart Park, #98 Chuangyuan Rd, Hi-tech Zone, Ningbo, China
Tel: 0086-574-87800008 / 87800007
Fax: 0086-574-87803714
Web: www.nbdavid.com/en/ E-mail: sales@nbdavid.com

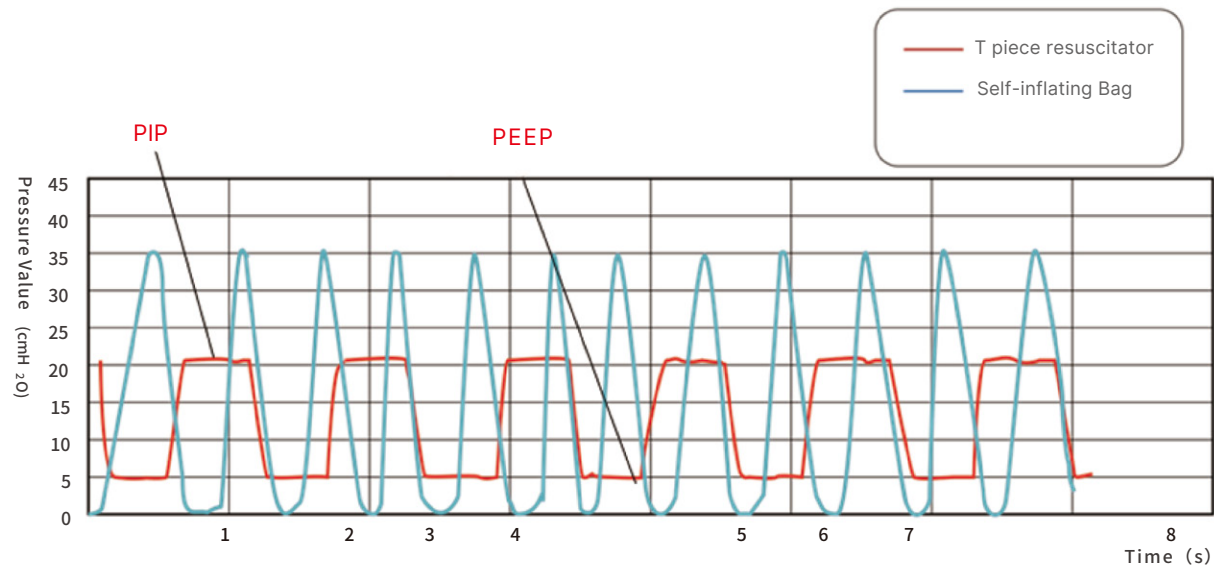
Specifications are changed without notice for performance improvement. Printed date: Feb 2022 Version No.: 1



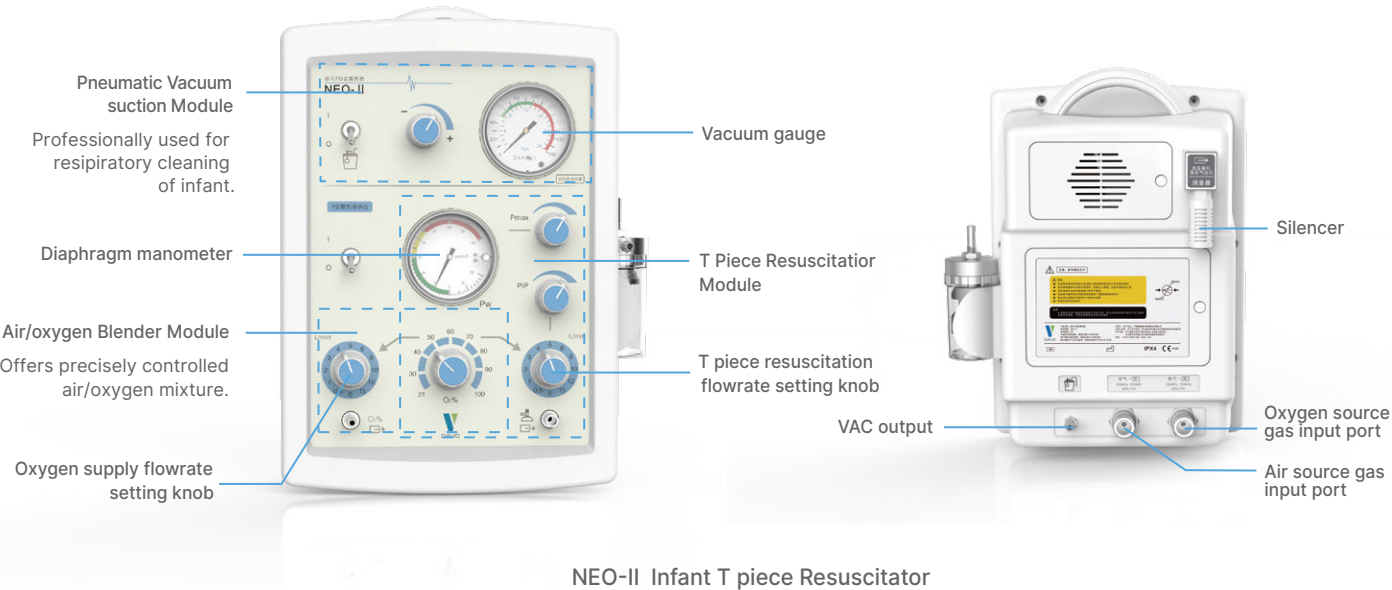
 **Endless love**
To Guard The New Life Safe

Brief Introduction

- Designed for infants weighing less than 10kg;
- Suitable for many occasions, such as maternity wards, NICU, transporation and so on;
- Driven by air, no power supply required;
- Easy to operate, reducing medical staff’s fatigue effectively;
- Featured with Positive End-expiratory Pressure, negative pressure suction and oxygen supply (NEO-II);
- Separably adjustable of oxygen concentration and flow rate (NEO-II);
- Continuously adjustable of oxygen concentration from 21% to 100%, high accuracy and stable oxygen output (NEO-II);
- Designed in accordance with the lastest resuscitation guidelines of APP (NRP) and ILCOR;
- Clinical Results*Current resuscitation guidelines strongly recommend the use of T-Piece device with the potential benefits of achieving safety, stable and controllable target Peak Inspiratory Pressure (PIP), delivering consistent Positive End-expiratory Pressure(PEEP) to help establish Functional Residual Capacity (FRC) and imp rove lung volume, especially for premature’s resuscitation.



* China Newborn Resuscitation Guidelines(2016 Beijing Revision) by China Newborn Resuscitation Project Expert Group.



General Parameters

- Intended users: Infants with a body mass of up to 10Kg
 - Operating environment requirements: temperature 18°C~40°C, humidity: 5%~95%
 - Protection against ingress of water: IPX4
 - Total mass (including resuscitator and accessories):≤6Kg
- Transport and storage environment requirements:
Temperature -40°C~60°C, Humidity: up to 95%,
Atmospheric pressure 50~106kPa.
 - Size: 290mm(W)×180mm(D)×370mm(H)

System parameter

- Gas supply: Medical oxygen and air (pipeline compressed gas supply system, orcompressed gas cylinders)
 - Gas supply input pressures range: 300~500kPa(About45~75Psi)
Gas source flowrate: ≥50L/min
 - Alarm: Single gas source fault alarm
- Low pressure alarm range: 150±50kPa
 - Low-pressure hose assemblies for use with medical use pressures range: 0~1000kPa
 - Low-pressure hose assemblies for use with medical use flow range: 160~500L/min

T-piece resuscitation function

- Diaphragm manometer range: -10~80cmH₂O,
 - Dead space of resuscitator and airway accessories: up to 6ml
 - Inspiratory resistance and expiratory resistance during the resuscitator function expiratory phase: During the expiratory phase, the pressure at the patient connection port shall not exceed 6cmH₂O below atmospheric pressure at an inspiratory airflow of 6L/min; The pressure at the patient connection port during the expiratory phase shall not exceed 6cmH₂O above atmospheric pressure at an expiratory airflow of 6L/min
 - Maximum pressure (Pmax) setting range: 1~60cmH₂O, The factory setting of the maximum pressure is 40cmH₂O, can be adjustable.
 - Peak Inspiratory Pressure (PIP) range at: @ 5L/min, approx. 1~57cmH₂O;
@ 8L/min, approx. 2~58cmH₂O;
@ 10L/min, approx. 3~59cmH₂O;
@ 15L/min, approx. 5~60cmH₂O.
- The factory setting of Peak Inspiratory Pressure (PIP) is 20 cm H₂O, can be adjustable.
 - Positive End- expiratory Pressure (PEEP) range at: 5L/min, approx. 0~8cmH₂O;
8L/min, approx. 0.2~17cmH₂O;
10L/min,approx.0.5~23cmH₂O;
15L/min, approx. 1~28cmH₂O.
- Manometer accuracy: ±2% of full-scale value






Air/oxygen mixing function

- Oxygenconcentrationsettingrange:21%~100%
- Accuracy:±3%V/V
- Reversegasflow:ComplywiththeregulationsofISO1195:1995
Flowratesettingrange:0~15L/min, thelevelsettingsrespectively is0.5,1,2,3,4,5,6,8,10,12,15(L/min)
- Accuracy of flowrate output: ±0.5L/min, @0.5, 1, 2, 3, 4 L/min;
±1L/min, @5, 6, 8, 10 L/min ;
±2L/min, @12 and 15 L /min.

Vacuum suction function

- Vacuum setting knob setting range: 0 ~ 18.67 ±1.33kPa (0 ~ 140±10mmHg)
- Free air flowrate: < 20L/min (at the maximum vacuum setting)
- Vacuum response time: When the input gas source pressure is 500kPa, vacuum in 10 seconds should be at least 17.34kPa (130mmHg)
- Scale range of vacuum gauge: 0 ~ 21kPa(0 ~ 160mmHg)
- Vacuum gauge accuracy: ±5% of full-scale value
- Gas wastage: <28L/min (at the maximum vacuum setting)

Standard Configuration

Name	Modle		Stand Accessories	Quantity
Disposable infant resuscitation breathing circuit (Registration certificate no. 20172540610)	NEO-II	RD-01D	Disposable T-piece cicuit, 1# Infant mask	1
		RD-01E	Disposable T-piece cicuit, 2# Infant mask	1
		RD-01F	Disposable T-piece cicuit, 3# Infant mask	1
	<div><div> Disposable T piece cicuit</div><div> Gas supply line</div><div><div>1#2#3# Infant mask</div></div></div>			