



# HORNPUFF

High Oxygen Resuscitator for Neonates



The **HORNPUFF** Infant Resuscitator is easy to use, Manually operated, Gas-powered Resuscitator that provides optimal resuscitation.

*nice5020*

## Features

### Safe, Controlled and Precise Peak Inspiratory Pressure (PIP)

The HORNPUFF Infant Resuscitator will safely inflate the baby's lungs and provide optimum oxygenation by delivering consistent PIP with each breath avoiding the risks associated with under or over inflation at uncontrolled pressures.

### Flexibility in Operation

The HORNPUFF can accept and deliver oxygen concentrations from 21% to 100% coming from a flow meter or a blender. The patient T-Piece can connect to neonatal masks or endotracheal tubes.

### Precise Positive End Expiratory Pressure (PEEP)

The HORNPUFF Infant Resuscitator helps establish and maintain Functional Residual Capacity (FRC) by providing a consistent PEEP throughout the resuscitation process.

### Precise Pressure Delivery

An accurate manometer provides constant reassurance of mask seal and delivered PIP and PEEP.

### Alternate Temporary Respiratory Support

Consistent PEEP can be delivered to assist with breathing during transport or ventilator circuit change.

### Face Mask

Different size of face mask which provides flexible in usage for different babies

### Compact & Handy

Small in Size, Less Weight and innovative technology incorporated into a compact design.

### Mounting Options

The HORNPUFF can be easily mounted to each bed of the NICU with an IV Stand or optional Roll Stand, It ensures quick and easy access to the patient.

### HORNPUFF. All you need is one.

For more information or for a demonstration of all that HORNPUFF has to offer, please contact your nice™ Neotech Representative today.

Easy to handle



Resuscitation Mask Size: 00,0 and 1



T-Piece Resuscitator Circuit

|                                        |                                                                                                                                                                                   |
|----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Gas inlet flow range / Inlet pressure  | : 5LPM (min) to 15LPM (max) If the gas Inlet flow rate increases from 5 to 15LPM, the peak inspiratory pressure may be increased to approximately 8cm H <sub>2</sub> O / 1000 kPa |
| Manometer Range                        | : -20 to 100 cmH <sub>2</sub> O                                                                                                                                                   |
| Accuracy                               | : +/- 2% of full scale deflection<br>( +/- 2 cmH <sub>2</sub> O )                                                                                                                 |
| Maximum pressure relief                | :@7LPM 1 to 66 cmH <sub>2</sub> O<br>Factory set @ 40 cmH <sub>2</sub> O                                                                                                          |
| Peak inspiratory pressure @7 LPM       | : @5LPM 1 to 64 cmH <sub>2</sub> O<br>@7LPM 1 to 66 cmH <sub>2</sub> O<br>@10LPM 1 to 68 cmH <sub>2</sub> O<br>@15LPM 1 to 70 cmH <sub>2</sub> O                                  |
| Positive end-expiratory Pressure(PEEP) | : @5LPM 1 to 6cmH <sub>2</sub> O<br>@7LPM 1 to 9 cmH <sub>2</sub> O<br>@10LPM 2 to 15 cmH <sub>2</sub> O<br>@15LPM 4 to 25 cmH <sub>2</sub> O                                     |
| Delivered oxygen concentration         | : up to 100% depending on gas supply                                                                                                                                              |
| Recommended Baby Weight                | : up to 10Kg                                                                                                                                                                      |
| Operating time (400L Cylinder)         | : @8LPM,50 mins                                                                                                                                                                   |

### Standard Accessories

|                                          |                          |
|------------------------------------------|--------------------------|
| Disposable Patient circuit ( single use) | : 1set                   |
| Face Mask                                | : 3 nos. different sizes |

### Temperature:

|                 |                             |
|-----------------|-----------------------------|
| Operating Range | : 18°C to 41°C environment  |
| Storage Range   | : -10°C to 60°C environment |

### Humidity:

|                 |                                |
|-----------------|--------------------------------|
| Operating Range | : 15% to 90% RH Non-Condensing |
| Storage Range   | : 40% to 90% RH Non-Condensing |

| Order Code | Description                                  |
|------------|----------------------------------------------|
| nice 5020  | 5020 Infant resuscitator                     |
| 50-05-056  | Disposable T piece Patient Breathing Circuit |
| 88-00-027  | Face Mask Size 00                            |
| 88-00-028  | Face Mask Size 0                             |
| 88-00-029  | Face Mask Size 1                             |

### Dimension

|        |                    |
|--------|--------------------|
| Height | : 220 mm ± 5mm     |
| Width  | : 230 mm ± 5mm     |
| Depth  | : 130 mm ± 5mm     |
| Weight | : 2.5 Kg ± 100gram |

### Quality/Test approval

|                                       |                            |
|---------------------------------------|----------------------------|
| Quality                               | : ISO 13485:2016           |
| Device Standard                       | : ISO 10651-5<br>ISO 10993 |
| MDD Product classification            | : class IIb                |
| Protection against increase of liquid | : IPX4                     |

74-00-017, Rev 02



nice - neonatal intensive care equipment

\*Correct at time of printing. Manufacturer reserves the right to change specifications without prior notice. Capable of providing any configuration to meet the hospital and infants requirements.

## nice™ Neotech Medical Systems Pvt. Ltd.

An ISO 13485 Certified Company (With Design)

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