

### UNIQUE FEATURES:

#### HFNC Mode:

HFNC mode when used with humidifier is capable of delivering up to 100% humidified and heated oxygen at a flow rate of up to 80 LPM. High Flow therapy increases alveoli recruitment and delivers high FiO<sub>2</sub> while offering increased patient comfort. The unique features for Yashka HFNC are Patient trigger and time control method which makes the HFNC for very high patient comfort along with 50% oxygen saving.

#### Battery Backup:

This is Powerful NIV ventilator with a battery backup of up to 4 hours. The compact and power efficient design enables it to operate with inbuilt turbine and also with external oxygen, making it ideal for ICU as well as Transport.

#### Inbuilt Turbine:

Inbuilt turbine system which makes it more compact and low weight machine which is feasible in Transport. It also has external oxygen supply port. Air and oxygen mixing is noticeable in the machine.



### TECHNICAL SPECIFICATIONS:

Clinical application	It is a medical device designed to provide respiratory support to patients during transportation. Its primary purpose is to maintain or assist the patient's breathing when they are unable to do so effectively on their own CPAP units deliver air or a mixture of air and oxygen (O <sub>2</sub> ) at high flow rates through tubing to a nasal or oral-nasal mask which is affixed to the patient's face
Modes	CMV, SIMV, CPAP, HFNC
Type of Technology	Turbine
CPAP volume	1 to 10 cmH <sub>2</sub> O
Increments of variations in CPAP	1 cm
Air oxygen blender	In built
FiO <sub>2</sub> with tolerance (+/- 2 %)	21% to 100% (+/- 2 %)
Flow range	0 -30 L/min
Humidifier	Heated wire servo controlled humidifier
Display of temperature	Near patient end of the circuit
Water chamber	1 numbers Reusable water chamber
Heated wire silicone tubing circuit for infant/Newborn	1 numbers Reusable Silicon
Pressure release valve	15cmH <sub>2</sub> O to 17cmH <sub>2</sub> O
Weight in kg	30 kg
Noise level in dB	65
Alarms	Audio alarm
Alarm sound level in dB	65
Patient Interface	Nasal Prongs
Air and O <sub>2</sub> hose length	> 3 m
Power Supply	230 V, 50 Hz, Single phase
Standards	ISO 13485:2016
Conformity to electrical safety standards	IEC 60601-1-2:2007, IEC 60601-1-8-2006: IEC 60601-1

