

HFNC

NF1, 2, 3, 5



Technical Specification

Physical Characteristics

Dimensions	343mm*165mm*195mm
Weight	3.5 kg
Turbine	High performance, low noise
Battery	>30 min (NF1,2,5 only)

Screen

Screen Size:	4.3" touch screen
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Heating

Fast heat	Using the MR290 humidification tank, it reaches 31 °C in 10 minutes and 37 °C in 30 minutes under 35 L/Min flow and initial temperature of 23 ± 2 °C
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Control

Method	NF1: Flowmeter NF2,3,5: Electronic mixer
O ₂ %:	21 - 100% (increments of 1 %)
O ₂ flow input range	NF1; O ₂ float flowmeter, the available options are 0 ~ 30 L/Min and 0 ~ 50 L/Min NF2/NF3/NF5: Flow range: 2 ~ 80 L/Min
Flow rate	Adult: 10-80L/Min (NF2,3,5) 10-50L/Min (NF1)

	Child: 2-30L/Min
Temp	Adult: 31~37°C Child: 34°C
Temp adjustment	3 for NF1,2 7 for NF3,5
Humidity	While setting Temp is 37°C and flow within 2 ~60L/min : >33mg/L ; While setting Temp is 37°C and flow without 2 ~60L/min, or the setting Temp is not in 37°C : >12mg/L

Accuracy

O ₂ %:	±3 vol.% of the set value
Flow rate	±1 L/Min or ±10% of the set value, whichever is higher
Temp	±2 °C of the set value

Special Function

SpO ₂ monitoring	COMEN, MASIMO, NELLCOR
Fast O ₂ flush	Yes
Trend	7 days (168h) graphical and tabular trend
Auxiliary O ₂ supply	0-30L/Min (NF2,3,5 only, optional ,on trolley)

Auto refill	Water tank can add water automatically
Timer	
Filter change reminder	1000 hrs
Alarm	
SpO2	Too low or too high
PR	Too low or too high
Check Tube	
Check for leaks	
Check for blockages	
O2 concentration	Too low or too high
O2 supply pressure	Too low or too high
Cannot reach target flow	

Check water	
Cannot reach target temperature	
Check operating conditions	
Power out	
I/O	
Communication interface	RJ45 network interface, USB port
Trolley	
Dimensions	480mm*480mm*1590mm
Plate height	600mm
Weight	5.7 kg

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