



Cleo HF7
High frequency ventilator

Neonatal high frequency ventilator

Cleo HF7 is a pneumatic and electronically controlled therapeutic ventilator. It adopts a pneumatic and electronically controlled high-frequency ventilator that combines volume control and pressure control. It integrates high-flow oxygen therapy ventilation (HFNC), non-invasive ventilation (NIV), and invasive ventilation (IV), manual ventilation (M), constant frequency ventilation (CV) and high frequency oscillatory ventilation (HFOV) are five functions in one, suitable for premature infants, newborns, infants to children of all ages.

Physical Specifications

Specifications

Dimensions(WxHxD)	398mmx425mmx437mm
Weight	≤21.5Kg(including HFOV module)
Power	70W
Noise	A weighted sound pressure level in 1m distance: 46 dB

Ventilation Specifications

Specifications

Patient Type	Premature infants, newborns
Invasive Ventilation Mode	NCPAP, NIPPV, SNIPPV, HFNC, IPPV, SIPPV, SIMV, SIMV-PSV, PSV, CPAP, HFOV, NDUOVENT, NHFO

Control Parameters

I-Flow	Newborns: 1-20 L/min Infants: 2-32 L/min	Psupp	2~78cmH2O
E-Flow	Newborns: 2-20 L/min Infants: 4-20 L/min	Hz	5-20Hz
Tinsp	Newborns: 0.1-2 s Infants: 0.3-2 s	I:E	1: 3-1: 1
Rate	Newborns: 2-200 bpm Infants: 2-100 bpm		
Pinsp	2-25cmH2O 4-80cmH2O		
Trigger	1-20		
V _{limit}	Newborns: 2-200 mL Infants: 10-500 mL		
V _{guarant}	Newborns(Manual): 2-200mL Infants(Manual): 10-500mL		
FiO2	21%-100%		
Manual	1-30s		
O2 Flush	22%-100%		
Flow	0.5-15 L/min		
CPAP	1-30cmH2O		
P _{manual}	2-80cmH2O		



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