H-80 Series

	H-80AS	H-80A	H-80M
Adjustment Method of Oxygen Concentration	Auto	Auto	Manual
Flow Monitoring	Monitorable, Adjustable	Monitorable, Adjustable	Monitorable, Adjustable
Flow Rate	2L ~ 80L/min	2L ~ 80L/min	2L ~ 80L/min
Oxygen Concentration Adjustment Range	21% ~ 100%	21% ~ 100%	21% ~ 100%
★Temperature Output Range	29℃ ~ 37℃	29℃ ~ 37℃	29℃ ~ 37℃
★Temperature Adjustment Gear	9 steps adjustable	9 steps adjustable	9 steps adjustable
Whether the host is disinfection-free	Yes	Yes	Yes
Screen Size	3.5 inches	3.5 inches	3.5 inches
Trend Review Function	1 day; 3 days; 7 days	1 day; 3 days; 7 days	1 day; 3 days; 7 days
Oxygen Concentration Monitoring	Monitorable, Adjustable	Monitorable, Adjustable	Monitorable
Temperature Monitoring	Monitorable, Adjustable	Monitorable, Adjustable	Monitorable, Adjustable
★sPEEP Monitoring	Monitorable	Monitorable	Monitorable
Temperature Monitoring	Monitorable	Monitorable	Monitorable
Automatic filter replacement function	Yes, can be set	Yes, can be set	Yes, can be set
Automatic water refill tips	Yes	Yes	Yes
★AutoFlow	Yes	/	/
★SmartFlow	Yes	/	/
Humidity Compensation	-3~+3, 7 steps adjustable	-3~+3, 7 steps adjustable	-3~+3, 7 steps adjustable
★sPEEP	0~4 steps adjustable	/	/
★Hot Standby	Yes	Yes	Yes

Hitwin HEALTHCARE

Respiratory • Sleep Therapy • Cardiology

Dealer

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Hitwin HEALTHCARE

BMC

H-80 Series High Flow Humidifier

Provide more better oxygen therapy with High Flow

H-80 Series

BMC new H-80 Series high-flow oxygen therapy, highly integrated design, to meet more needs of clinical treatment

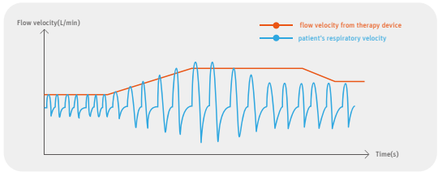
- provide a maximum of 80L / min air-oxygen mixed gas, oxygen concentration can be set automatically, providing an exclusive patent AutoFlow function, SmartFlow function.
- Disinfection-free design, Water chamber has a backflow prevention valve to prevent gas backflow, and overall maintenance is more convenient.

Can set target oxygen concentration, temperature and flow

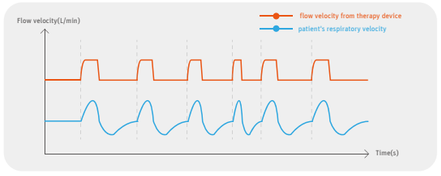
- Control target oxygen concentration automatically, oxygen delivery in the machine, 21% -100%, accurate to 1%;
  Wall oxygen source, oxygen cylinder, oxygen generator can support it;
  The built-in ultrasonic oxygen sensor requires no maintenance.
- 9-stage humidification temperature: 29 ℃ -37 ℃, accurate to 1 ℃.
- Advanced dual fan design, two levels of HFlow and LFlow, 2 L / min ~ 80 L / min, can meet patients of most ages.
- Innovative 7-level humidity compensation function, providing ± 3 adjustable humidity compensation, easily coping with various harsh temperature and humidity environments

Innovative High Flow model

- AutoFlow™
  Automatically set the output flow parameters based on the peak expiratory flow(PEF) of the patient, simplifying the setting steps, satisfying the treatment effect and improving patient comfort



- SmartFlow®
  Follow the patient's every breath, switch the flow between breaths, provide a higher flow when inhaling, and a lower flow when exhaling, follow your every breath like a bi-level ventilator, comfortable and more economical oxygen resources.



Hot standby function designed for convenient use and saving oxygen

- H-80 Series has a hot standby function, which allows you to continue warm oxygen therapy at any time without turning off the machine for a short time to leave, saving oxygen without having to wait for warm-up time.

More comprehensive monitoring indexes

- Real-time monitoring of Oxygen Concentration, Flow, Temperature, Respiratory Rate, sPEEP.

Simple installation and easy setup

- Integration, disinfection-free design, saving clinical use and maintenance time.

H-80 Series

H-80 Series High Flow Oxygen Therapy, can be used for patients with spontaneous breathing, including artificial airway respiratory insufficiency, and can be used for patients in hospitals and long-term care institutions.

- In high flow mode, flow rate is 2 L / min ~ 80 L / min, which can set the concentration of inhaled oxygen automatically.

Accessories

Water Chamber

Water Chamber Adapter

One-off Heated breathing tubing
model:LH2

Nasal cannula
model:NC10XS、NC10S、NC10M、NC10L、

Recommended flow and range for high flow oxygen therapy

The following table lists the recommended starting flows and flow ranges for clinical studies on high flow oxygen therapy

	10 15 20 25 30 35 40 45 50 55 60 65 70 75 80	
acute hypoxemic respiratory failure (pneumonia)	●	Macé et al. 2019
extubated patients at high risk of reintubation	●	Hernández et al Oct 2016
extubated patients at low risk of reintubation	●	Hernández et al Apr 2016
acute undifferentiated shortness of breath in the ED	●	Bell et al 2015
acute hypoxemic respiratory failure (pre-intubation)	——●	Frat et al 2015
hypoxemic patients post cardiothoracic surgery	——●	Stéphan et al 2015
post extubation with acute respiratory failure	●	Maggiore et al 2014
do not intubate patient with hypoxemic respiratory distress	——●	Peters et al 2013
acute respiratory failure	——●	Sztrymf et al 2011
mild-to-moderate hypoxemic respiratory failure	●	Parke et al 2011
post-cardiac surgery	——●	Corley et al 2011
COPD	●	Storgaard et al 2018
COPD	●	Nagata et al. 2018
stable severe COPD patients	——●	Cirio et al 2016
COPD and/or bronchiectasis	——●	Rea et al 2010