

Masimo *softFlow*TM 50

For Spontaneously Breathing Adult Patients in Hospital and Long-Term Care Facilities



- > Respiratory support delivered through a soft nasal cannula interface
- > Wide flow range from 10-60 L/min* in 0.5 L/min steps to permit flow rate to be tailored to the specific needs of the patient
- > Ability to supplement oxygen with 0-60 L/min flow and up to 100% FiO₂ from wall supply, oxygen cylinder, or concentrator
- > Integrated flow driver provides flow without the need for wall air supply
- > Warmed humidification of respiratory gas all the way to the patient's nose to enhance therapy comfort and aid in mucous clearance^{1,2}
- > Condensate-free delivery of a consistent, high-velocity flow during inspiration and exhalation to enhance therapy benefits
- > Auto-identification of type of nasal cannula and breathing circuit to improve and simplify workflow through automated configuration
- > Bacterial/viral filter between device and patient, rather than between device and room air, to reduce risk of cross-contamination



softFlow 50 Accessories



softFlow Nasal Applicator

Available in Small, Standard, Standard-Plus, and Large sizes



Heater Wire in the Nasal Applicator

Unique one-piece design permits heater wire all the way to the nares to reduce condensation



softFlow Product Stand

Performance Data

- > Adjustable flow rate: 10-60 L/min \pm 2%, adjustable in 0.5 L/min steps to tailor flow to patient needs
- > Oxygen Flow Rate support: 0-60 L/min and up to 100% FiO₂, with FiO₂% indicator integrated into the display
- > Adjustable humidity/dew point settings from 30-37°C, adjustable in 1°C steps to tailor to patient needs
- > Integrated micro-particle filter
- > Nasal applicators include several sizes of soft, flexible nasal prongs to suit a wide range of patients
- > Disposable bacterial/viral filter (bacterial efficiency >99.999%; viral efficiency >99.99%) between device and patient reduce risk of cross-contamination and transition time between patients
- > Autofilling humidification water chamber eliminates need to manually refill humidity chamber between uses
- > Entire respiratory circuit is disposable to minimize risk of cross-contamination and reduce time to clean and disinfect the device between patients

Product Specifications

PERFORMANCE DATA	PHYSICAL CHARACTERISTICS
Intended Population Adult patients	Dimension 12.6 in x 8.2 in x 12.6 in (32 cm x 210cm x 32cm)
Flow Settings 10-60 L/min	Weight >13lbs (5.6kg)
Supplemental Oxygen 0-60 L/min	TECHNICAL DATA
Humidity Dew Point 30-37 °C DP (adjustable in 1°C DP steps)	Medical Device (93/42/EEC) Ila
Event Memory 12 therapy months	Safety class, electrically II
ELECTRICAL	Safety level "applied part" BF
AC Power Requirements 100-240 VAC, 50-60Hz	Ingress Protection IP21
Power Consumption 300 VA (Max)	Electromagnetic compatibility EN 60601-1-2, Class B
ENVIRONMENTAL	Electrical safety according to EN 60601-1
Operating Temperature 64-78°F (18-26°C)	CSA C22.2/No 60601-1
Transport/Storage Temperature -13-158°F (-25-70°C)	
Operating Humidity 15-93 % RH	
Storage Humidity < 93 % RH	

¹ Hasani A et al. *Chron Respir Dis* 5, no. 2 (2008): 81-86. ² Roca O et al. *Respir Care* 55, no. 4 (2010): 408-413.

* The softFlow 50 is FDA cleared for flow rates up to 50 L/min and in hospital and long-term care facilities. The 60 L/min version and the home use version are being made available in the US under the FDA Enforcement Policy for Ventilators and Accessories and Other Respiratory Devices During the COVID-19 Public Health Emergency.

Caution: Federal (USA) law restricts this device to sale by or on the order of a physician. See instructions for use for full prescribing information, including indications, contraindications, warnings, and precautions.

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