

BiO₂Flow

HFO Device

TECHNOLOGY THAT
**MAKES
DIFFERENCE**



HIGH FLOW, EFFECTIVE THERAPY

Designed for healthcare professionals, optimized for patients

BiO₂Flow is designed to adapt to patients with different therapy needs. It supports this unique flexibility with different modes and precise control features. It provides an advantage for the patient to release secretion easily.

The hardware and software features of BiO₂Flow, which can be easily operated with a single button, allow the device to be used in patients with respiratory failure, post cardiac surgery, heart failure, bronchoscopy, post extubation. It can also be used in other cases where high FiO₂ is required.

BiO₂Flow, which breaks new ground in HFO therapy with its innovative features, shows its difference with its ergonomic design and easy usage. Thanks to its structure that emphasizes functionality; it can be used not only in hospitals but also in home care situations.



Integrated Nebulizer



Integrated humidifier



Precise FiO₂ adjustment



Flow rate up to 100 lpm



Integrated battery



One-button push and operate

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Technical Features

General Features

Flow: 2-100 lt/mins (5 lpm resolution)

FiO₂: 21%-100% (%1 resolution)

Temperature: 31-37°C Degree

Integrated Nebulizer

Integrated Humidifier

Internal Battery

Universal Patient Circuit Connection

Carrier Foot for Oxygen Cylinder

Pressure Welding

Ventilation: Internal Blower

Oxygen: 2.5-7 Bar (pressure welding)

Safety

Flow cut-off feature against clogging/
blockage and bending situations

Flow cut-off at excessive pressure rise

Oxygen cut-off at possible failure

3 temperature sensors

Internal thermostat

Double-deck insulated heater

System preventing leakage

Pressure sensors

Fan providing ventilation

Advanced alarm system

Exterior design V₀ with non-flammability class



BiO₂Flow

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Both ergonomic and functional

- ▶ Modern and compact design
- ▶ Ease of operation with one button
- ▶ Special carrier foot providing transportation advantage
- ▶ Oxygen tank that can be mounted to the carrier foot
- ▶ A perfect combination of advanced engineering and contemporary design



ADVANCED TECHNOLOGY

BiO₂Flow has been developed to detect all situations that may occur in advance and give warning thanks to the sensors and valves it contains. BiO₂Flow, the safest high flow oxygen therapy device in its class, passes all tests successfully and offers high quality and safety simultaneously.

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