# $BiO_2Flow$

HFO Device

TECHNOLOGY THAT

# MAKES DIFFERENCE




## HIGH FLOW, EFFECTIVE THERAPY

### Designed for healthcare professionals, optimized for patients

$BiO_2Flow$ 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 $BiO_2Flow$, 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 $FiO_2$ is required.

$BiO_2Flow$, 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 $FiO_2$ adjustment
- Flow rate up to 100 lpm
- Integrated battery
- One-button push and operate

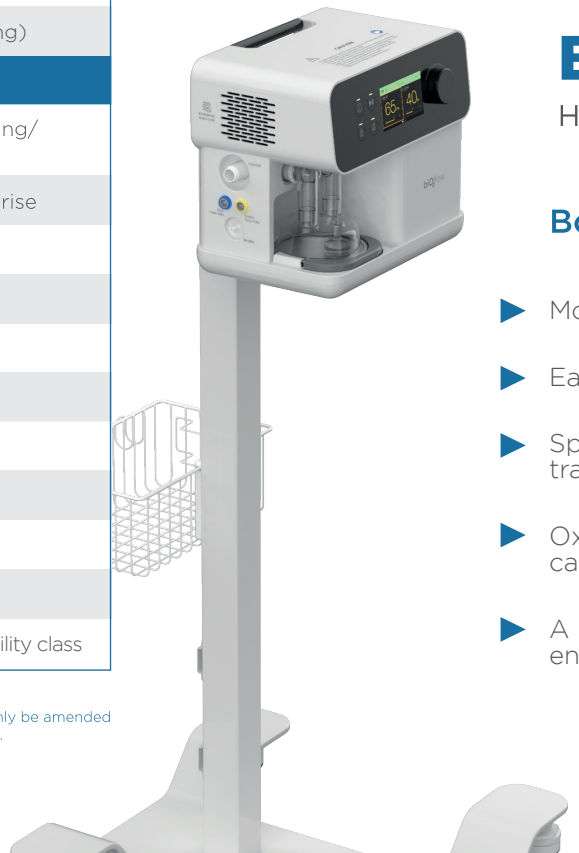
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# Technical **Features**

| General Features |
|---|
| Flow: 2-100 lt/mins (5 lpm resolution) |
| $FiO_2$: 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 $V_0$ with non-flammability class |

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# $BiO_2Flow$

HFO Device

## 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**

$BiO_2Flow$ has been developed to detect all situations that may occur in advance and give warning thanks to the sensors and valves it contains. $BiO_2Flow$, 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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TD.03.15-B.02/0921/R00