



BIO₂FLOW

New Generation High Flow Device

Performance	
Oxygen Mixture	%21- %100
Flow Rate	2lpm - 100lpm
Nebulizer Flow Rate	0lpm - 10lpm
Nebulizer Time	0-120 dk
Patient Circuit Heat	31°C -34°C -37°C
Humidifier Heat	ON/OFF

Heated Humidification	
Humidification Output	> 12mg/l
Humidifier maximum heat	80°C
Humidifier table material	Aluminum
Humidity	>33 mg/L at 37 °C
	>12 mg/L at 34°C
	>12 mg/L at 31 °C

Operating Specifications	
Working Pressure	2,5-7bar
Screen size	4,3" LCD
Sound Pressure Level	< 58dBa (at max. flow)
Integrated battery max time	1 hour
Margin of error	
Temperature	±2
Oxygen rate	%1,5
Flow rate	>20 %10
Operation	Stop, continuous

Size and Weight	
Height	: 281 mm
Width	: 325 mm
Depth	: 210 mm
Weight	: 9.3 kg
Box Weight	: 39 kg

Electrical Specifications	
Voltage	220V AC
Current	1.25 A
Power	275 W
Frequency	50 Hz

Operating Environment	
Temperature	20°C - 30°C
Atmospheric Pressure/Height	600-1100 hPa / 0-2000 m
Humidity	%40 - 90

Alarms	
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Hardware Errors	
1	Flow sensor error.
2	Oxygen sensor error.
3	Oxygen pressure sensor error.
4	Blower NTC sensor error.
5	Nebulizer flow sensor error.
6	Humidifier NTC sensor error.
7	Device card temperature sensor error.
8	NTC sensor error in patient circuit inlet.
9	NTC sensor error at patient circuit outlet.
10	Patient pressure sensor error.
11	Oxygen valve failure.
12	Blower error.
13	Nebulizer valve failure.
14	Battery failure.
15	Fan error.
16	Patient circuit heater failure.
17	Humidifier heater error.
18	Blower high temperature error.
19	Backup EEPROM error.
20	UI connection error.
21	Device card high temperature error.

System Errors	
1	Oxygen supply is not connected.
2	Reverse flow in the valve.
3	Oxygen regulator pressure is low / high.
4	Targeted oxygen flow is low / high.
5	Targeted air gas flow is low / high.
6	Targeted nebulizer flow is low / high.
7	Targeted humidifier temperature is low / high.
8	The humidifier chamber is empty.
9	Humidifier chamber removed.
10	The patient circuit is not connected.
11	The patient circuit is not connected.
12	Patient circuit temperature is high.
13	Patient circuit clogging.
14	Battery ran out.
15	The battery is not charging.
16	The battery is overcharged.
17	Targeted flow is low / high.
18	Targeted oxygen percentage is low / high.
19	Hardware error.

CE 2292	» Intelligent Safety System
	ISO 13483: Medical devices Quality management system
	ISO 9001:2015 Quality management systems
	2-year warranty