BIOAQUA

Double-functional Respiratory Humidifying Equipment

Product Specifications	
Dimension	219 mm (D) x 156.78 mm (G) x 200.95 mm (Y)
Weigh	2100 g
Supply Voltage	220 VAC
Supply Current	1.2 Amperes
Supply Frequency	50/60 Hz
Power	260 Watt
Heating Table Power	150 Watt

Probes perform the instant temperature measurement with the sensitivity of +- 0.5 C.

Adaptor and connectors of the probes are special to their sockets. It does not allow the misusage.

The device can be used with patient circuits without heaters, with single line heaters and double line heaters.

It can be used with universal water tanks.

The device is connected to ventilator by COMM input, and so it is used through ventilator.

Adjustments can be made on 3.5-inch-high-definition touch screen and by using function buttons.

It has overheating protection.

Temperature Settings	
Selectable Temperature Values	31 °C / 33 °C / 35 °C / 36 °C 37 °C / 39 °C
Intubation	36 °C (default)
Mask Mode	34 °C (default)
Heating Table	0 - 95 °C

Nebulizer Settings
It is connected to patient circuit as described in the user manual for mesh nebulizer supplied from Biosys Biyomedikal Mühendislik. It is adjusted by pressing the nebulizer button how many minutes the drug therapy will be administered.

Alarms
There is auditory and visual (led) alarm system.
High Temperature Alarm: When measured temperature exceeds 41 °C for a time period longer than 2 minutes
Low Temperature Alarm: When the temperature decreases 2 °C or more under the set value for 10 minutes
After the alarm is activated, it can be waited for 120 seconds by alarm hold button.

Performance	
Ambient Temperature	18°C - 28°C
Flow Value	2-60 L/min
Non-Invasive mode	2-120 L/min
Humidifying Performance	Invasive mode: >33 mg/L Non-Invasive mode: >10 mg/L
Warm-up time: shorter than 30 minutes	

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