

NEBAL II Nebulizer

NEBAL II facilitates the humidification, by micro-bubbles, of medical gases administered to the patient. It can be fitted to flowmeters, pressure-reducer-flowmeters, concentrators or liquid-oxygen tanks.



NEBAL II PC

Performance

Humidification by micro-bubbling via a large diffuser, three times more effective than standard systems.
Very small lost of charges.

Safety and hygiene

- Excellent seal-tightness (100% at 5 bar) thanks to an integrated seal in the jar.
- Solid structure.
- Sterilisation in an autoclave at 121°C for 30 min for the **NEBAL II PC** (except for the diffuser and tube).
- Sterilisation in an autoclave at 134°C for 18 min for the **NEBAL II PSU** (except for the diffuser and tube).

Features

Useful tank volume: 100 ml.
Screw thread: 12 x 125 or 9/16.
Humidification at 4 l/min at 20 °C: 3 ml water / hour.
Humidification at 12 l/min at 20 °C: 9 ml water / hour.
Diffuser diameter: Ø 54 mm.
Diffuser thickness: 4.5 mm.
Diffuser porosity: 70 µm.
Max. flow: 15 l/min.
Pressure loss: 100 mbar at 15 l/min.
Weight: 175 g.
Dimensions: 175 mm x Ø 78 mm.
Materials:

- NEBAL II PC: polycarbonate (bottle and cap),
- NEBAL II PSU: polysulphone (bottle and cap).

CE 0120 Class IIa.

Hygiene

Cleaning: soapy water.
Rinsing: clean water.
Disinfection:

- with an alcohol-based solution (spray or towelettes),
- with a CE approved solution (Hexanios G+R® type).

Caution:

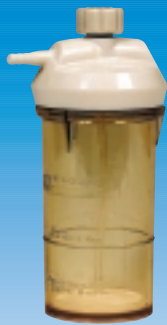
Never use an abrasive cleaner (powder or other).
Never immerse the device in water.

Maintenance

The inlet seal and the bottle seal should be replaced at least once a year, or if a leak is discovered.
Change the diffuser if no micro-bubbling is present.
We recommend to change the diffuser and its tube each time the device is decontaminated.

Simplified use and maintenance

Bottle easy to open and close by 1/4 of a turn with indexing.
Limited number of components limit risk and costs and reduce the number of maintenance operations required.



NEBAL II PSU: Polysulfone



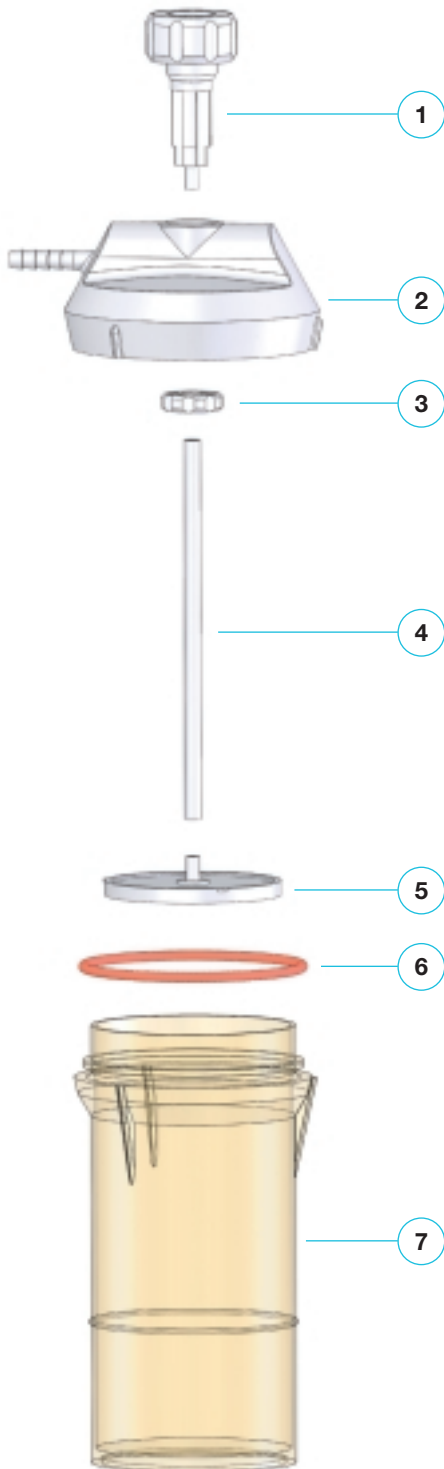
Diffuser and silicone tube



In use with the ZEFIR 5 O₂ concentrator



In use with the FREELOX II



References

Reference	Designation	Inlet
KP071000	NEBAL II PSU polysulfone	12 x 125
KP001000	NEBAL II PC polycarbonate	12 x 125
KP070100	NEBAL II PC polycarbonate	9/16

Accessories and consumables

Reference	Designation
LE094300	NEBAL II support kit for Présence cylinder
KP060700	Silicone tube
KP070700	Diffuser (x 10)
YJ061200	Bottle seal
YJ041700	Inlet seal (x 10)

Spare parts

Reference NEBAL II PC	Reference NEBAL II PSU	Designation	
KP070400 (x 1)	KP071300 (x 5)	Cover feedthrough 12 x 125 with seal and nut	1 + 3
KP070500 (x 1)	x	Cover feedthrough 9/16 with seal and nut	1 + 3
KP070300 (x 1)	KP071200 (x 5)	Cover	2
	KP060700	Silicone tube	4
	KP070700	Diffuser (x 10)	5
	YJ061200	Jar O ring	6
KP070200	KP071100	Jar only	7