

FEEL FREE

Ultrasonic nebulizer Model U-3002-E



SCHULTE-ELEKTRONIK GMBH
MEDICAL TECHNOLOGY

BY INHALATION HEAL - RELIEVE - PREVENT

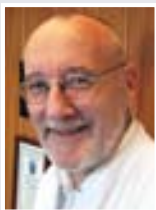
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Hygiene First

Standard ultrasonic nebulizers are often non-sterile, posing a high risk of infection. Closed sterile water systems for the U-3002-E prevent such risks. Sterile water or medical solution flows automatically from customized, disposable cups or drip-fed systems. Completely hygienic is also the one-of-a-kind aerosol heater which works from the outside, making extra sterilization unnecessary.

Perfect for hospitals, nursing homes and private practice.

The U-3002-E is particularly beneficial for hospital use. It produces a very high quality mist with extremely small aerosol particles. These particles are able to reach deep into the respiratory track.



Prof. Dr. med. Dieter Köhler

Medical Director
Hospital Kloster Grafschaft (Germany)

"Looking at the specifications for the U-3002-E, chronic bronchitis with or without obstruction has priority. Where obstruction is involved, the term is chronic obstruction pulmonary disease (COPD), and without obstruction, the term is simple chronic bronchitis. Some of these patients have problems with mucus retention, and in this case humidification with saline solution helps. The very small particles can be inhaled through the mouth or nose, and when they are under 1,5 - 2 µm, they are particularly advantageous (U-3002=0,5 µm). The dry particles are especially beneficial."

Technical Data

Nebulization rate	approx. 30 – 180 ml water/h
Particle size	0,5 – 7 µm
Frequency	1,68 MHz
Flow	1,5 – 8 liter per minute (bacteria filter)
Aerosol temperature	max. 39 C° (in accordance to ambient temperature)
Mains voltages	230 V AC, 50 Hz
Power consumption	device 50 W, heater 35 W
Form of operation	continuous operation
Protection class	I, Typ B
Protection form	IP 52
Warranty	24 month

Certification  1275 (LGA InterCert, Nbg.)

Subject to change without notice

High quality easy to use

The U-3002-E works with 2 control knobs. The user can adjust mist and air mixture smoothly. The indirect nebulization heater adapts itself automatically to the preset parameters. So the patient gets always the right temperature.

The use of high quality materials such as stainless steel and hardened glass ensures that the U-3002-E looks like new, even after years of service. The modern design is timeless, is easy to clean and the housing is splash-proof.

The intelligent electronics protect the unit against damage in case it is accidentally switched on without the appropriate liquids level. The modern micro-controlled high frequency nebulizer is an investment for the future, and is available as a table top device or with a 5-wheel stand.

Highlights

- smallest quantity of nebulization
- splash-proof housing
- maximum security and hygiene
- innovative indirect aerosol heater
- modern timeless design
- indirect nebulization
- practical disposable water units

