

**FEEL  
FREE**

**Ultrasonic nebulizer  
Model U-3002-S**



**SCHULTE-ELEKTRONIK GMBH**  
MEDICAL TECHNOLOGY

BY INHALATION HEAL - RELIEVE - PREVENT

# Ultrasonic nebulizer Model U-3002-S

## Hygiene First

Standard ultrasonic nebulizers are often non-sterile, posing a high risk of infection. Closed sterile water systems for the U-3002-S 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-S 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-S, 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	<b>approx. 30 – 180 ml water/h</b>
Particle size	<b>0,5 – 7 µm</b>
Frequency	<b>1,68 MHz</b>
Flow	<b>1,5 – 8 liter per minute (bacteria filter)</b>
Aerosol temperature	<b>25 – 38 C° (in accordance to ambient temperature)</b>
Operation Timer	<b>15 – 60 minutes, continuous operation</b>
Mains voltages	<b>230 V AC, 50 Hz</b>
Power consumption	<b>device 50 W, heater 35 W</b>
Form of operation	<b>continuous operation</b>
Protection class	<b>I, Typ B</b>
Protection form	<b>IP 52</b>
Warranty	<b>24 month</b>
Certification	<b>CE 1275 (LGA InterCert, Nbg.)</b>

Subject to change without notice

## The "S-class" of nebulizers

The U-3002-S is easily adjusted with push buttons, enabling the user to select the correct mist and air mixture as well as the aerosol temperature. There are 5 settings available and the operating time can be adjusted from 15 to 60 minutes or can be set to permanent use.

The device stores the data for time, mist and airflow and automatically starts the next session using the previous settings.

The use of high quality materials such as stainless steel and hardened glass ensures that the U-3002-S 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
- individual heating capacity
- timer
- splash-proof housing
- maximum security and hygiene
- innovative indirect aerosol heater
- modern timeless design
- indirect nebulization
- practical disposable water units

