

# FEEL FREE

Ultrasonic nebulizer for  
humidifying the breathing air  
**Model U-3003-E**



SCHULTE-ELEKTRONIK GMBH  
MEDICAL TECHNOLOGY

BY INHALATION HEAL - RELIEVE - PREVENT

# Ultrasonic nebulizer Model U-3003-E

## Aerosoltherapy

Ultrasonic nebulizers are developed for humidification through nebulizing sterile water and can be used for aerosol therapy according to physicians' advice.

## Hygiene First

Standard ultrasonic nebulizers are often non-sterile, posing a high risk of infection. Closed sterile water systems for the U-3003-E prevent such risks. Sterile water solution flows automatically from customized, disposable cups or drip-fed systems.

## Perfect for hospitals and private practice

The U-3003-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.

## High quality easy to use

Usability at the push of the button – the U-3003-E enables the user to adjust the right air and nebulization rate. All parameters can be adjusted in various steps.

The device stores the preset information for density and airflow and starts the next session again with those stored parameters.



## Technical Data

Nebulization rate	0.5 – 3 ml water per minute
Aerosolspectrum	1 – 7 µm (65 %), 1 – 5 µm (45 %)*
MMAD	5,3 µm*
Frequency	1,68 MHz
Flow	1.5 – 8 liter per minute (bacteria filter)
Mains voltages	230 V AC, 50 Hz
Form of operation	continuous operation
Protection class	I
Protection form	IP 21
Warranty	24 month

\* All statistics from mist/air level 3.

Subject to change without notice

The use of high quality material such as stainless steel and hardened glass ensures that the U-3003-E looks like new, even after years of service.

Low filling levels in the nebulizing chamber or transducer head are alerted by an acoustical and optical signal.

The intelligent „Quarz-Protect“ function protects 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

- „Quarz-protect“ function
- low liquid alarm
- empty chamber alarm
- splash-proof housing
- maximum security and hygiene
- modern timeless design
- indirect nebulization
- practical disposable water units



Illustration contains optional features (sterile water system, 5-wheel-stand)