



# *medineb 300<sup>+</sup>*

*Ultrasonic Nebulizer*

Breathe deep and let go of things

Tel: +98 21 88521207

Fax: +98 21 88521209

info@mediakavosh.com

www.mediakavosh.com

# medineb 300<sup>+</sup> Ultrasonic Nebulizer

## مدينب 300<sup>+</sup> نيزونيك نيزوليزر

### Application

*For prevention, alleviation and therapy of respiratory tract disorders*

The ultrasonic-nebulizer **medineb 300<sup>+</sup>** converts electrical energy with a frequency of 1.72MHz into mechanical oscillation.

These high frequency oscillations cause the smallest aerosol particles to detach from the inhalation liquid.

The resultant aerosol particle size is below 5 microns which is small enough to deliver the aerosol into the respiratory tract, bronchi and alveoli.

The **medineb 300** is designed for the delivery of all commonly inhaled medications in the treatment of various respiratory diseases and includes the delivery of hypertonic saline for bronchial provocation testing and for sputum induction.

Smallest quantities (3-30 ml) of medicaments are nebulized except for a small residue. Additional equipment like mouthpiece and mask support the specific treatment.

### The medineb 300

*Long-time nebulization*

Thanks to its high-quality quartz, **medineb 300** is particularly suitable for long-time nebulization, e.g. with bedridden patients breathing through the mouth during the night (uninterrupted application).

*Removable quartz*

All our systems are completely equipped available, ready for immediate application. The quartz can be simply removed from the ultrasonic cup with the aid of an assembly device, e.g. in order to also autoclave the ultrasonic cup.

*Water-refill warning signal*

To protect the quartz from overheating and to ensure better therapeutic safety, a visual signal (red light-emitting diode) will indicate an insufficient water-supply.

*System included:*

Incl. medicament-cup and bonnet for nebulizing smallest quantities from 3 ml on. Additional water-control-device complete with cannula for diverse bottle systems for continuous nebulizing.

Fitted with support for aerosol tube, air-regulation-valve, autoclavable chamber, bacteria filter, mains cable

### Handling

Due to easy handling and noiseless operation the **medineb 300<sup>+</sup>** is also especially suitable for intensive care.

High operating security because of automatic frequency-swing and electronic prevention from operation without liquid makes this product easy to handle. Air stream and intensity are infinitely variable.

The self-regulating continuous feeding system makes the use of stock bottles of up to 2 liters possible.

The application of sterile-water systems is easily possible without change.

All parts that need to be cleaned can be detached comfortably by means of a plug-in connection.

### Hygiene

**medineb 300** meets highest hygiene requirements due to the use of disposable articles like the dust filter and the bacteria filter for the carrying air.

All parts getting into contact with the patient and the aerosol are suitable for sterilization or disinfection respectively.

Autoclavable ultrasonic cup (without quartz) for still more hygienic safety, e.g. for MRSA-patients.

*Hygienic safety for the patient is the prime objective*

Conventional ultrasonic nebulizers are frequently contaminated and the risk of infection is always imminent.

A closed sterile water system constitutes a sure and safe solution of the problem.

The risk of infection through watergerms is reduced decisively.

### Table-mount

**medineb 300** Ultrasonic Nebulizer in tablemounted version is particularly suitable for use at home or in doctor's practices. For fast moisturization of the respiratory tract to alleviate acute discomfort (e.g. in case of pseudocroup - laryngitis) at home and primarily in the doctor's practice, therapy with **medineb 300** is a very effective natural method of treatment.

### Mobile stand (Optional)

The standard mobile stand is suitable for demanding service in the clinic, hospital, Intensive wards, in the nursing home or in the doctor's practice. The standard mobile stand is made of sturdy stainless steel, and it is equipped with durable five-caster pedestal with locking brakes.



M.E.D. Licence No.: 664/40920



### Technical data

Voltage: 220~230 V AC  
 Frequency: 50/60 Hz  
 Power: 90 VA  
 Protection class: IPX 1  
 HF-frequency: 1.72 MHz  
 Deviation: 10 %  
 Cont. operation: 100 %  
 Classification: I B  
 Weight: 4,5 kg  
 Standby Power: <1 VA  
 Warranty: 12 months

### Output

Nebulizing temp.: 37~ 45°C  
 Air quantity: max. 30 l/min (Adjustable)  
 Particle size: 0.4 - 5 µm  
 Mist density: max. 200 mg/l  
 Nebulizing output: 0.5 - 3.9 ml/min (Adjustable)  
 Timer Operator: Up to 150min  
 Manufactured in accordance with EU-guidelines 93/42/EEC