

# TAJFUN



Professional inhaler series TAJFUN has been created with an intention to meet health care needs of hospitals, health resorts and clinics, where precision, effectiveness and durability are of utmost importance.

## ADVANTAGES

- **Durable design** ensuring at least 10 years of very intensive operation in health resorts.
- **Comprehensive therapy** of the whole respiratory tract from alveoli to sinuses.
- **Delivery of vibroaerosol**, which increases penetration of aerosol particles 50 to 500 times. This method allows effective non-invasive and immediate aerosol therapy of paranasal sinuses, which classical aerosol can not achieve. Vibroaerosol is also effective in other areas of the upper respiratory tract, including throat and larynx.
- **Thermoaerosol** – heated aerosol, which increases inhalation comfort and prevents from lungs cooling.
- **Treatment programming** – ability of saving all treatment parameters to be able to run repetitive series of treatments almost automatically.
- **High aerosol efficiency** for effective humidification of respiratory tract.
- **Hygiene** – accessories in contact with patient or aerosol can be sterilized or disinfected.
- **Timing system** – treatment time counts down and the operation of inhaler is being stopped automatically after treatment.
- **Antibacterial filter and air filter** care for the cleanliness of inhaled aerosol.
- **Check valve** – ensures that no unwanted exhalations will find their way back to the atomizing chamber.
- **Disposable and reusable inhalation sets** enable flexible treatment planning.
- **Medicine vessel** – enables delivery of small drug amounts and protects the drug from overheating by a transducer.
- **Transitional fluid level sensor** – transducer protection.
- Continuous work.
- Silent work.
- Clear control panel.
- For hospital and home use.
- 24 months warranty and service.

# ULTRASONIC INHALER TAJFUN1 MU1 / TAJFUN2 MU2

TAJFUNs are the latest generation of programmable, electronic controlled devices, incorporating in its construction both 20 years of experience from manufacture of previous generations of inhalers (including THOMEX) and boldest innovations suggested by their users.

## APPLICATION

- Treatment of bronchial and lung diseases such as asthma, allergies, COPD, etc.
- Humidification and rehabilitation of respiratory tract (patients with Cystic Fibrosis).
- Treatment of nasal sinuses, pharynx, larynx in allergies, sinusitis, pharyngitis, laryngitis, etc.
- Eye treatment – mucosa humidification.
- Head skin and hair treatment.
- Beauty treatments.

## TECHNICAL DATA

|                                  |                              |
|----------------------------------|------------------------------|
| Particle diameter (average) MMAD | 2.0 $\mu$ m                  |
| FPF (< 5.0 $\mu$ m)              | 100%                         |
| Aerosol output                   | 0 ÷ 4 ml/min                 |
| Aerosol flow                     | 0 ÷ 20 l/min                 |
| Medicine vessel capacity         | max. 30 ml                   |
| Work frequency                   | 2.7 $\pm$ 0.1 MHz            |
| Thermoaerosol temperature        | max. 37°C                    |
| Programmable inhalation time     | 1 ÷ 99 min                   |
| Vibrations intensity level*      | 0 ÷ 120 dB/A                 |
| Vibrations frequency*            | 100 $\pm$ 3 Hz               |
| Power supply                     | AC 230 V, 50 Hz              |
| Protection class                 | I                            |
| Dimensions (mm)                  | 345 x 240 x 130 (500**)      |
| Weight                           | 6.6 / 7.0* kg                |
| Acoustic power level             | $\leq$ 45 / $\leq$ 49* dB(A) |
| Work mode                        | continuous                   |

\*Only in TAJFUN1, equipped in acoustic pulsatory module.

\*\*Equipped with accessories.



Gold medal at the world exhibition of innovation, research and new technology EUREKA in Brussels



WE ENSURE CONTINUOUS AVAILABILITY OF ALL SPARE PARTS

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