



MEDICAL SYSTEMS

Ultrasonic Nebulization

A wide range of different uses to ensure effective inhalation therapy



HICO-ULTRASONAT 810

A wide range of different uses to ensure effective inhalation therapy



HICO-ULTRASONAT 810 is a device for the ultrasonic nebulization of water and medicine, meeting the inhalation therapy demands of hospitals, nursing homes and home care.

Properties

- Nebulization of micro-particles in the range of 0.5 to 6.0 μm
- Nebulization of very small quantities of medication
- Nebulization intensity and time adjustable up to 99 min.
- Nebulization capacity of up to 4.5 ml/min.
- Large nebulizer chamber of 500 ml
- Permanent nebulizing system - up to 8 hours (optional)
- Heatable aerosol hose for heating the nebulized liquid (optional)
- Optional wall bracket or castor stand to ensure easy and safe operation



REF 390001

Nebulization capacity
4.5 ml/min.

Dimensions W x H x D
approx. 30 x 25 x 30 cm

Weight approx. 4.5 kg
(standard set-up)

Noise emission
approx. 30 dB(A)



www.hico.de/en/hico-ultrasonat-810.html

5-castor stand Consisting of 5 castors and support bar Ø 25 x 600 mm	REF 390011
Wall bracket System for fastening to the wall rail	REF 392900
Permanent nebulizing system Refill system, consisting of 1-liter glass bottle, bottle hanger and bottle holder, star screw and level regulator	REF 390010
Heatable aerosol hose 100 cm, heatable up to 43 °C, autoclavable	REF 383502
Aerosol hose 100 cm long ventilation hose	REF 383109
Face mask For adults	REF 380317
Face mask For children	REF 380318
Mouthpiece For multiple use, made of SILKOMED®	REF 370002
Mouthpiece For single use	REF 370024
Bacteria filter Carton with 50 single packs	REF 383110
Primary air filter Minimum order quantity 50 filters	REF 382309
Cone cups for drug nebulization Disposable cone cups for nebulizing very small amounts, 100 cups per packaging unit	REF 382727

Device	HICO-Ultrasonat 810
Article-No. (REF)	390001 (220/230V)/390010 (115V)
Nominal voltage	230VAC 50Hz*/115VAC 60Hz*/ 220VAC 60Hz
Power input	approx. 85 VA
Current consumption	approx. 0.4 A (220V/230V)/0.8 A (115V)
Nebulizing capacity	max. approx. 4.5 ml/min.
HF power output	approx. 32 W
Transducer frequency	up to about 1.7 MHz
Particle size	approx. 0,5 – 6 µm
Aerosol temperature	max. 48 °C
Water temperature in the chamber	max. 44 °C
Ambient temperature	10 – 30 °C
Relative humidity	approx. 30 – 70%
Transport/storage temperature	3 – 60 °C
Air pressure	700 – 1060 hPa
Class/type of protection	I/B
IP protection class (IEC 60529)	IP X1 (drip proof)
Risk class (93/42/EEC)	II a
Dimensions W x H x D	30 x 25 x 30 cm
Chamber capacity	max. 600 ml
Weight	approx. 4.5 kg (standard set-up)
Noise emission	approx. 30 dB(A)
Test basis	Medical Product Directive 93/42/EWG, IEC 60601-1, IEC 60601-1-2
UMDNS-Code	15-783

* Set by the manufacturer in the unit as required by the customer. Observe the type plate!



www.Dreit-K.de 03_0217

Medical-technical expertise for more than 70 years

Founded by Hans Hirtz in 1945, the Cologne-based company Hirtz & Co. KG is run in the fourth generation by the Hirtz family. Today, the company stands for expertise in medical technology sold under the brand name HICO Medical Systems. What started as a wholesale business for medical products and devices has developed - thanks to in-house innovations - into a major medtech company. The product portfolio comprises hypo- and hyperthermia systems, decubitus prevention and treatment solutions as well as inhalation devices.

Since 1997, Hirtz & Co. KG has been certified according to ISO standards and therefore guarantees excellent quality. Today, more than 70 years after the family business was founded, brand products of HICO Medical Systems generate more than 50 % of the company's sales outside Germany. To ensure our future in the market with leading medtech products, Hirtz & Co. KG places great value on well-established development partnerships with leading university hospitals.



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