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Welcome to Flyp.

The worlds first HypersonIQ powered,
truly pocket portable nebulizer.

Fill.  Click.  Breathe. 

Nebulizer Therapy

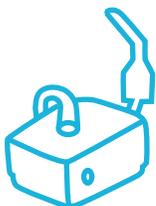
What is Nebulizer Therapy?

Nebulizer therapy involves the aerosolization of liquid medications to create a fine mist that is inhaled for delivery to, and deposition within, the lungs. Nebulizer therapy may be used in the treatment of respiratory conditions such as asthma and COPD.

Types of Nebulizers:

There are several types of nebulizers. Each have unique features and benefits including degree of portability, complexity of use, and aerosol performance.

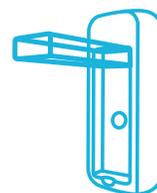
Compressor



Ultrasonic



Vibrating Mesh





Pharmacist Guide

Indications of Use:

The FLYP™ nebulizer, for use by adolescent and adult patients, is intended to aerosolize healthcare provider-prescribed solutions for inhalation that are approved for use with a general-purpose nebulizer. FLYP is intended for use at home or a medical facility, such as a hospital or doctor’s office. Intended user: FLYP nebulizer, for use by adolescent and adult patients, should only be used by a patient under the supervision of a qualified medical expert, such as a doctor, nurse, or respiratory therapist. The user, or their actively assisting caregiver, should be capable of understanding all of the User Guide’s contents. FLYP is intended for use by a single user. FLYP is not a life-saving device. Patients who are in severe respiratory distress, who are unconscious, or who are not breathing spontaneously should not use this device.

Medication Compatibility:

Flyp has been FDA-cleared for use with any medication intended for a general-purpose nebulizer, such as albuterol, ipratropium bromide, cromolyn sodium, and budesonide, in addition to other medications. Flyp should not be used with hypertonic saline (NaCl >0.9%) or medications that are indicated for use only with specific delivery devices.

COMPARISON CHART:

FLYP VS. TRADITIONAL DELIVERY SYSTEMS FOR RESPIRATORY MEDICATIONS

	flyp Nebulizer	Traditional Nebulizer	Metered Dose Inhaler	Dry Powder Inhaler
Single Delivery Device for Multiple Meds	✓ Yes	Yes	No	No
Portability	✓ High	Low	High	High
Hand / Breath Coordination Required	✓ None	None	High	Moderate
Inspiratory Flow Required	✓ Normal Tidal Breathing	Normal Tidal Breathing	Increased (>30-60 L/Min)	Increased (>30-60 L/Min)
Respirable Dose Delivered	✓ High	Moderate	Low	Low

We are very proud of our performance. Below you’ll find the unvarnished facts from an independent laboratory particle test on Flyp, using an eight-stage cascade impactor.

FLYP™ NEBULIZER AEROSOL CHARACTERISTICS

(All data on file; data shown at a 95% confidence level)

Characteristic	FLYP™ pe1200m (NEW)		
	Albuterol Sulfate	Ipratropium Bromide	Cromolyn
MMAD (µm)	2.5mg/3ml 2.31 +/- 0.10	0.5mg/2ml 2.17 +/- 0.05	4.0mg/2ml 2.26 +/- 0.11
GSD (µm)	1.60 +/- 0.07	1.48 +/- 0.03	1.54 +/- 0.06
Respirable Particle Fraction (%)	87.8 +/- 3.6	90.3 +/- 2.9	88.1 +/- 4.6
Total Respirable Dose (0.4 - 4.6 µm) (µg)	921.6 +/- 70.3	209.4 +/- 14.9	857.7 +/- 84.4
Total Coarse Particle Dose (µg)	69.2 +/- 36.1	7.4 +/- 3.8	85.7 +/- 37.2
Total Fine Particle Dose (µg)	48.0 +/- 20.9	14.0 +/- 5.7	15.0 +/- 7.4
Total Delivered Dose (µg)	1,038.8 +/- 127.3	230.8 +/- 24.4	958.4 +/- 129.0
Respirable Drug Delivery Rate (µg/min)	151.3 +/- 17.8	31.8 +/- 7.2	158.4 +/- 10.8

Internal lithium-ion battery
rechargeable via Micro-USB

15+ treatments per charge

Backed by a 3 year warranty



Truly pocket-portable
Powered by HypersonIQ technology

5 minute average treatments (2.5ml)

6 ml medication reservoir

90% respirable fraction



HypersonIQ cartridge

Dedicated pulse cleaning mode

Flyp Nebulizer is created with the end-user in mind. Its ergonomic design, premium construction, and simple operation are intended to provide comfort and convenience previously unavailable in a nebulizer. We call it “*The Nebulizer Reinvented.*”

Additional FAQs

How does Flyp work?

At the heart of Flyp is a stainless steel disk the size of a dime—and half the thickness of a human hair. Powered by HypersonIQ technology, it vibrates to pull liquid medication through its holes, producing an inhalable aerosol.

How is Flyp cleaned?

Cleaning instructions can be found in the owner’s manual or quick start guide enclosed within the Flyp box. Cleaning is recommended after each treatment and a deep cleaning with distilled white vinegar is to be conducted on a weekly or as-needed basis.