

LiteAire®

MDI Holding Chamber



AN INNOVATIVE ALTERNATIVE

The LiteAire® collapsible MDI holding chamber is an innovative alternative to other holding chambers. The unique dual-valved design delivers pop-up convenience and effective drug output at a fraction of the cost of most plastic holding chambers.

In most clinical settings, the LiteAire® MDI holding chambers can reduce costs by replacing existing rigid plastic holding chambers or inefficient spacers with a paperboard alternative. The unique paperboard design allows the LiteAire® to be reused by a patient over multiple doses while meeting, and often exceeding, the performance of plastic holding chambers. The collapsible MDI Holding Chamber has the following features:

- Dual valved
- Labeled for one-week's use
- Pop up to use
- Not made with natural rubber latex
- Portable/Stores flat
- Single patient use
- Compatible with commonly prescribed MDI's



THE LITEAIRE® DELIVERS TRUE VALUE WHEN USED IN:

EMERGENCY ROOMS - For patients requiring the use of a holding chamber for immediate treatment.

INPATIENT/OUTPATIENT PULMONARY FUNCTION TESTING LABS - Clean, disposable, ready-to-use, designed to accept most pressurized metered dose inhalers (MDI's).

SHORT-TERM RESPIRATORY INFECTIONS - A cost effective treatment method that meets the short-term needs of patients with acute respiratory conditions.



LITEAIRE ADDITIONAL PRODUCT INFORMATION



INNOVATIVE DUAL-VALVED SYSTEM

ONE-WAY INHALATION VALVE:

- Clear valve located inside the mouthpiece
- Opens when patient inhales to provide a direct path for aerosolized drug to flow from chamber into mouthpiece
- Closes against valve seat when patient exhales to redirect exhaled breath from entering the chamber

BOTH VALVES:

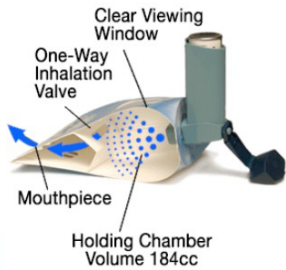
- Low resistance allowing patient to breathe normally through the LiteAire
- Unnecessary to remove device from mouth to exhale

CHAMBER VOLUME:

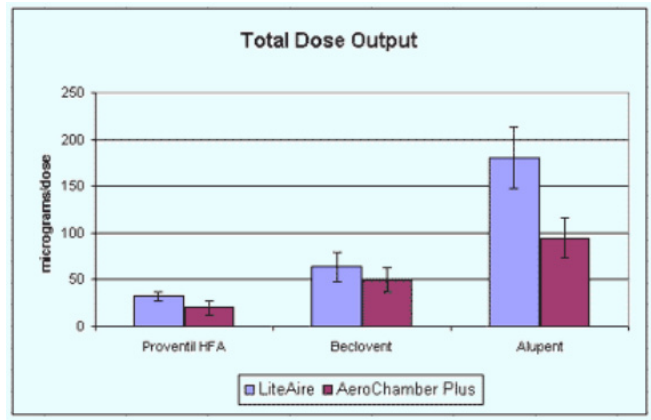
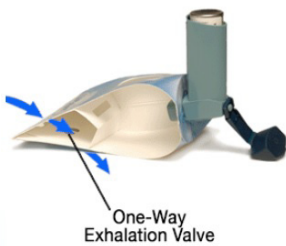
- LiteAire holding chamber volume is approximately 184 mL

ONE-WAY EXHALATION VALVE:

- Small valve located on outside of the bottom panel of LiteAire
- Opens when patient exhales allowing exhaled breath to flow out
- Closes when patient inhales



USE AND PERFORMANCE WITH MOST MDIs



Foss, S., White Paper- Total Dose Output for MDI. Thayer Medical, Tuscon, AZ, April 2002

- The LiteAire enables the MDI drug particle sizes to remain concentrated toward the "respirable" 1-5 micron range
- May be used with most prescribed pMDI drugs
- MDI opening holds actuator firmly in an upright position



Stores Flat

DESIGNED, DEVELOPED AND MANUFACTURED BY:



MGC DIAGNOSTICS CORPORATION, Manufactured by Thayer Medical, distributed by Medical Graphics Corporation
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