



## BREATH SIMULATOR

# Breath Simulator

Breath Simulator is designed specifically for testing nebulizers. It complies with the instrument qualification standards of USP and Ph. Eur., and supports the determination of delivery rate and delivered dose as outlined in ChP 2020.

## APPLICATIONS

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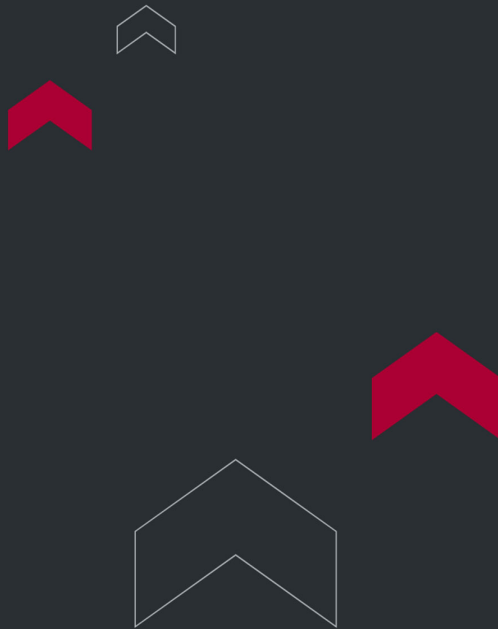
- United States Pharmacopeia (USP) - Inhalation Product Testing
- European Pharmacopoeia (Ph. Eur.) - Aerosol and Nebulizer Performance Evaluation
- Chinese Pharmacopoeia (ChP) 2020 - Delivery Rate and Delivered Dose Determination

Breath Simulator

## FEATURES

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1. USP, Ph. Eur., and ChP 2020 compliant.
2. Tidal volume setting range: 0-1000 ml.
3. Includes four built-in standard respiratory modes: adult, child, infant, and neonate, as specified in pharmacopoeia.
4. User-defined parameters: tidal volume, respiratory rate, I/E ratio, respiratory pattern curve, cycle number, and more for customized testing.
5. Switchable interface between English and others for convenient operation.
6. Automatic parameter calculation with real-time breath curve display, including flow volume and tidal volume curves.



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