



TORONTECH

FULLY AUTOMATED METERED DOSE INHALER



Fully Automated Metered Dose Inhaler designed with advanced automation, this system supports metered-dose inhaler driver performance tests in drug research centers and safety evaluation facilities. It integrates seamlessly with nose-only and whole-body animal inhalation exposure systems, as well as in vitro cell exposure systems, enabling comprehensive animal exposure testing.

APPLICATIONS

Standards

- United States Pharmacopeia (USP) <601> – Aerosols, Nasal Sprays, and Metered-Dose Inhalers
- European Pharmacopoeia (Ph. Eur.) 2.9.18 – Preparations for Inhalation: Aerodynamic Assessment of Fine Particles
- Chinese Pharmacopoeia (ChP) 2020 – Inhalation Product Testing
- OECD and GLP Guidelines for Inhalation Toxicology Studies

Fully Automated Metered Dose Inhaler

Basic

Fully Automated Metered Dose Inhaler

Vibratory

FEATURES

1. Vibration before spraying with wide adaptability.
2. Double spraying design with high drug concentration.
3. Max. spraying frequency: 2/sec.
4. Spray 10 vials each time.
5. Compatible with manual replacement of vials without downtime.
6. Space-saving compact design.



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