



MULTI-STAGE CASCADE IMPACTOR COOLER

Multi-Stage Cascade Impactor Cooler ensures excellent thermal insulation through a vertical chamber structure. An integrated airflow duct enhances gas circulation and, with fan support, improves temperature uniformity inside the chamber. It maintains a stable ambient temperature of 5°C, ideal for determining the aerodynamic characteristics of fine particles in nebulizer testing.

APPLICATIONS

Standards

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

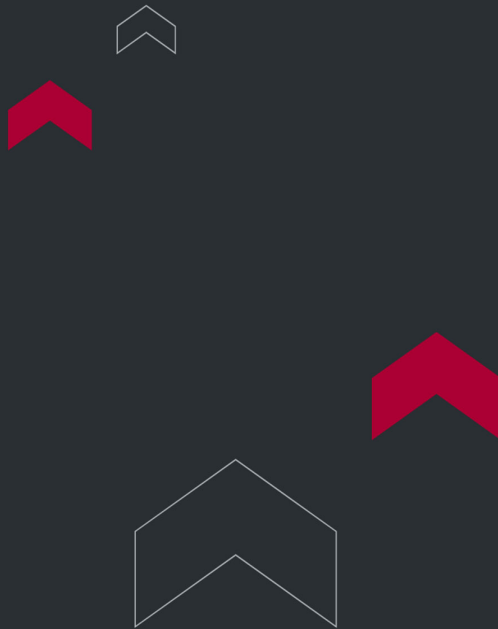
FEATURES

1. Compatible with a multi-stage cascade impactor, which fits entirely inside the cooling chamber for testing.
2. Push-to-start operation for quick and easy use.

TECHNICAL SPECIFICATIONS

Dimensions	1260x550x700mm
Temp Range	0~10°C
Fluctuation	±0.5°C (no load)

Temp Uniformity	$\leq \pm 2^{\circ}\text{C}$ (no load)
Total Power Rate	about 1.8kw
Weight	85kg
Voltage	220V, 50Hz (110V is also available)



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