



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)



TORONTECH

Torontech Inc.

251 Consumers Road, Suite 1200
Toronto, Ontario, M2J 4R3, Canada 

Phone: +1 416 368 2721 | Fax: +1 416 981 7652
Email: info@torontech.com

Torontech, LLC

601 Brickell Key Drive, Suite 700
Miami, FL 33131, USA 

Toll-Free: 1-866-383-7919
Email: sales@torontech.com

Torontech ME FZE

Meydan Grandstand, 6th Floor,
Meydan Road, Nad Al Sheba,
Dubai-261440, UAE 

Phone: +971 488 19252
Email: me@torontech.com



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