

**#5207**

Cascade Impactor - Next Generation Impactor (NGI) (COPLEY SCIENTIFIC)

DESCRIPTION

The multi-stage cascade impactor allows the determination of the aerodynamic particle size distribution of pharmaceutical aerosols intended for inhalation administration. Its use is described in international pharmacopoeias.

MAIN FEATURES

- Flow rate range: 15 to 100 L/min.
- Accessories: TPK 100i

MAIN APPLICATIONS

- Testing for the characterization of inhalation drug delivery systems (pressurized metered-dose inhalers, dry powder inhalers, and solutions and suspensions for nebulization).
- Determination of the Mass Median Aerodynamic Diameter (MMAD).
- Determination of the Geometric Standard Deviation (GSD).
- Quantification of fine and respirable particle fractions for different aerodynamic diameter cut-offs.

ASSOCIATED CAPABILITY AND SERVICES

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