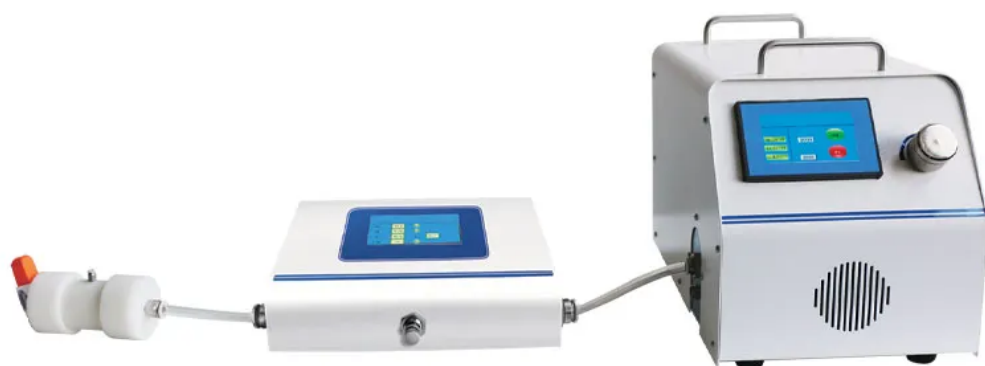




DPI DELIVERED DOSE UNIFORMITY DETERMINATION

Designed specifically for determining dose uniformity in dry powder inhalers (DPI), this advanced system features a smart pump, flow meter, pressure detector, and controller. It includes a dry powder DUSA and generator, fully compliant with instrument qualification standards outlined in USP, Ph. Eur., and ChP 2020.

APPLICATIONS

DPI Delivered Dose Uniformity Determination

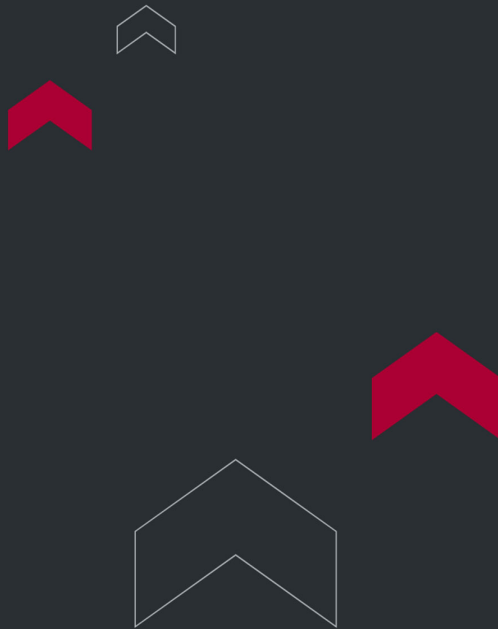
Pressure detector and controller

DPI Delivered Dose Uniformity Determination

Dry Powder Dose Uniformity Sampling Apparatus (With Pressure Detection Hole)

FEATURES

1. **Compliance:** Meets USP, Ph. Eur., and ChP standards.
2. **Components:** Includes a smart pump, pressure detector, controller, dry powder DUSA, and generator.
3. **Flow Rate:** Adjustable between 15L/min and 100L/min (optional air pumps available for varied flow rates).
4. **Pressure Detection:** Measures absolute atmospheric pressure (PA) from 0 to 200 kPa, monitors pressure differences (P1) before and after the inhalation device, and tracks P2 and P3 readings around the flow control valve, calculating their ratios.
5. **Apparatus Composition:** Features a base, mesh filter, sampling tube, and adapter, designed to meet pharmacopeia specifications.



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