

MC-DUO(VP) DUAL SYSTEM PACKAGING LEAK DETECTOR

VACUUM DECAY & PRESSURE DECAY



COMPLIES WITH THE REVIEW STANDARDS OF INTERNATIONAL REGULATORY AUTHORITIES

EQUIPMENT INTRODUCTION

The MC-DUO(VP) is a non-destructive leak detection system designed for both vacuum decay and pressure decay testing methods. The system is easy to switch between these two modes. This versatile equipment is ideal for drug development, QC lab, and production line.

APPLICATION OBJECTS

- Flexible packaging--infusion soft bag, etc.
- Rigid packaging--vials for filling powder, lyophilized or medicinal liquid, pre-filled syringes, ampoules, infusion bottles, etc.

EQUIPMENT FEATURES

- Utilizes imported high-precision sensors for excellent sensitivity (down to 1 μ m), fast cycle times, and high repeatability.
- Employs non-destructive technology, safeguarding product and package stability.
- Developed in accordance with ASTM F2338 test standard.
- Compliant with FDA 21 CFR Part 11 requirements, featuring access controls, audit trail, and electronic signature capabilities.
- Enables quick, user-friendly switching between vacuum and pressure decay modes.

TECHNICAL SPECIFICATIONS

Sensor	Imported dual-sensor system
Pressure Resolution	0.1 Pa
Vacuum/Pressure Source	Vacuum: External pump; Pressure: External air compressor
Validation Package	IQ/OQ Documentation Available
Calibration	Via micro-flow meter or standard leak artifacts
Dimension	440 × 410 × 270 mm(LxWxH)
Weight	19 kg
Power Supply	100-240 VAC, 50/60 Hz



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