

MC-E24 HIGH VOLTAGE LEAK DETECTOR

HIGH-SENSITIVITY CCIT FOR LIQUID-FILLED PHARMACEUTICAL PACKAGING



COMPLIES WITH THE REVIEW STANDARDS OF INTERNATIONAL REGULATORY AUTHORITIES

EQUIPMENT INTRODUCTION

MC-E24 is a high-voltage discharge-based leak detection system designed for container closure integrity testing (CCIT) of liquid-filled pharmaceutical packaging.

It is suitable for research & development in pharmaceutical factories, laboratory offline sampling inspection and 100% inspection of small-batch production, providing a reliable and efficient solution for detecting package integrity defects.

APPLICATION OBJECTS

Packaging Types

Vials, Ampoules, Prefilled Syringes, Cartridges, Glass Infusion Bottles

Pharmaceutical Types

MC-E24 is suitable for a wide range of chemical and biological pharmaceutical products, including:

- Liquids such as lipid emulsions, syrups and protein-based products
- Low-conductivity liquids such as Water for Injection (WFI) and distilled water

EQUIPMENT FEATURES

- Detection sensitivity down to 0.2 μm
- 360° package rotation with automatic dynamic electrode scanning
- Integrated safety protection for high-voltage operation
- Support a range of packaging sizes and types
- Fast detection speed and suitable for 100% inspection of small-batch production
- Designed to support pharmaceutical CCIT testing requirements, such as USP <1207>, EU GMP, CDE Guidelines
- Complies with the FDA 21CFR part11 requirements for data integrity

TECHNICAL SPECIFICATIONS

Application	Research & Development in Pharmaceutical Factories Sampling Inspection for lab 100% Inspection for Small-Batch Production
Operation Interface	Large Touchscreen
Sample Tray	0-30 kV, Adjustable
Sample Handling	100-240 VAC, 50-60 Hz
Detection Method	IQ/OQ Validation / Method Development & Validation



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