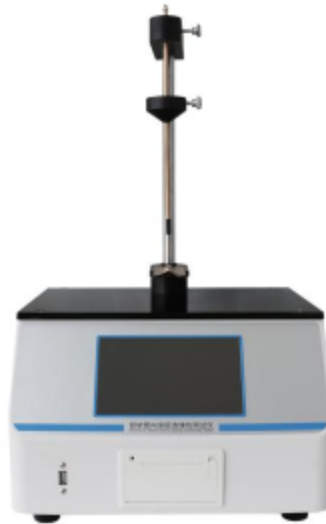


**KASON-CCT50 Aluminum Tube Inner Coating Continuity Tester**

Note: The picture is for reference only

The KASON-CCT50 Aluminum Tube Inner Coating Continuity Tester is a testing device used to check the continuity of the inner coating of aluminum pharmaceutical ointment tubes. It is based on YBB00162002-2015 "Aluminum Pharmaceutical Ointment Tubes" and is a commonly used testing device in laboratories of quality inspection departments, manufacturers, and pharmaceutical factories.

**Product Features:**

7-inch color touchscreen for user-friendly operation; Standard configuration includes a mini printer for printing experimental data at any time; Automatic saving of historical test records for local retrieval;

**Test Principle:**

The tubing with the inner coating is filled with a test solution containing copper sulfate. A sliding electrode is immersed in this solution, and the tubing itself is in contact with a base electrode with a V-groove. A constant DC current of  $5\pm 0.5V$  is applied between the sliding electrode and the tubing. The current flowing is proportional to the surface area of the aluminum tube not covered by the coating. If the coating is discontinuous, the copper sulfate electrolyte reacts under the action of the electrolytic current, resulting in black deposited copper appearing at the leakage points of the inner coating. This clearly indicates the size of the exposed area of the inner coating.

**Technical Specifications:**

Aluminum tube diameter:  $\Phi 10\text{-}\Phi 50\text{mm}$

Measuring height: 30-250 mm

Test voltage:  $DC 5V\pm 0.5V$ , 4.5V, 6.3V selectable

Current range: 0-300mA

Resolution:  $\pm 0.1\text{mA}$

Power supply: AC 220V 50Hz

Tel: +8615910081986

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# FOCUS IN MATERIAL TEST

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