

CZY-G Primary Adhesion Tester

CZY-G The primary adhesion tester is designed and manufactured according to the latest GB/T4852. It is suitable for verifying the adhesion of pressure sensitive adhesive tape, self-adhesive label, protective film, medical patch and other related products to skin surface, as well as the adhesive strength of various medical adhesive tapes (also known as adhesive bandage) contacted with body surface or wound surface.



Technical Features

- It is used to test instantaneous adhesion of samples with the test principle of inclined surface rolling ball method.
- Two Testing Methods of method A as inclined surface Rolling Ball Method and method B as Slot Rolling Ball Method.
- The test balls are designed in full accordance with the standards ensure the accuracy of test data.
- Testing tilt angle can be adjusted freely from 0 degree to 60 degree according to user's requirement.

Application

Basic application	Adhesive products	Suitable for testing the initial adhesion of adhesive products, such as medical patches, tapes, etc.
--------------------------	-------------------	--

Test Principle

The initial viscosity of the samples were measured by the adhesion of the adhesive tape to the steel balls when the contact between the steel balls and the viscous surfaces of the pressure sensitive adhesive tape samples occurred at a short time under a small pressure. A steel ball is rolled over the sticky surface of the adhesive tape which is laid flat on the inclined plate. The initial stickiness of the steel ball is evaluated according to the maximum size of the sticky surface of the specified length.

Test Standard

The instrument meets many national and international standards: GB/T4852、 Chinese Pharmacopoeia.

Technical Data Sheet

Item \ Model	CZY-G Primary adhesion tester
Adjustable inclination angle	0 ~ 60°
Table Length	120 mm
Test width	80mm
Test area size	≥250mm(L) ×100 mm (W)
Standard steel ball	1/29 ~ 1inch (46 steel balls in Pharmacopoeia are sold separately)
Size	320mm(L)×140mm(W)×180mm(H)
Net weight	5 kg

Configuration

Standard configuration	Instrument, 29 steel balls, sampling spoon.
-------------------------------	---

Please Note: Saicheng is always dedicated to the innovation and improvement of product performance and function. Therefore, technical specifications are subject to change without further notice. Please visit our website at global.saicheng.cn for the latest updates. Saicheng reserves the rights of final interpretation and revision.