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Analysis & Testing Instruments



Adhesive Tape Roller GX-Y2



Introduction

The Adhesive Tape Roller GX-Y2 is a precision experimental equipment developed and manufactured by GBPI R&D Team based on GB, JIS and other standard requirements and market demand. It is suitable for plastic film and cellophane decorative prints (including composite film prints) produced by gravure printing process. Carry out the test experiment of the binding fastness of printing ink layer. It is also used to test the adhesion state of the surface layer formed by vacuum coating, surface coating, compounding and other related processes.

Test principle

Adhere the cellophane tape that meets the standards and the printed surface of the treated sample ink with the standard load, rolling speed and rolling times, and then peel them off with a certain pressure and peeling speed after placing them for a certain period of time. Open, observe and measure the situation that the ink layer of the sample is peeled off, so as to judge and analyze the bonding fastness of the printed ink layer.

Standard

GBT 7706, GB/T 7707, JIS C2107, JIS Z0237

Specification

Item	Technical Parameters
Rolling speed	0~600 mm/min
Roller load	20 N±0.5 N
Rolling times	1~999999 times
Roller diameter	84 mm


Roller width	45 mm
Dimension	440 mm×400 mm×200 mm
power	350 W
Weight	20kg
Power supply	AC 220V, 50 Hz

Features

◆ Advanced configuration, advanced technology

- The host is equipped with a color touch screen, which is convenient for users to carry out test operations. Fully automatic operation, one-button operation, automatic shutdown, simple and convenient operation.
- Using high-precision ball screw parts, the operation is stable, the test machine has a long life, good long-term stability and energy saving. The running speed and running times can be changed freely to meet the requirements of different standards.
- The quality of the pressure roller, the thickness and hardness of the attached rubber are designed in strict accordance with national standards, effectively ensuring the accuracy and versatility of the test data.

Application

	<p>Plastic printing materials</p>	<p>It is suitable for testing the bonding fastness of printing ink layers on plastic film and cellophane decorative printed matter (including composite film printed products) produced by gravure printing process.</p>
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