
Lipstick breaking force tester

The lipstick breaking force tester is professionally suitable for the breaking force test and hardness test of lipstick, eyebrow pencil and lipstick. It adopts a 7-inch color touch screen for real-time display, and has a built-in imported servo drive system with 1-500mm/min stepless speed regulation, which meets the needs of lipstick testing. Speed, equipment is matched with an imported sensor



(two-way tension and compression), the resolution reaches 0.001N, ultra-high resolution and 0.5 test accuracy ensure data accuracy and repeatability, miniature silent printer and multi-function data serial port meet the needs of the current testing field.

Breaking tooling and hardness tooling: All are designed with alloy materials and high-quality steel, which not only ensures the lightness of use but also meets the rigidity required for testing. The surface of the device is sandblasted and oxidized, which is wear-resistant, durable and beautiful.

Professional technology

- Real-time display with 7-inch color touch screen, user-friendly design
- Professional software can connect to computer for data saving, analysis and printing
- Imported sensors are used to effectively ensure the accuracy of test results
- Compact, compact and user-friendly structure design
- The speed of the screw drive system can be adjusted at will to ensure the test speed and

displacement accuracy

- Equipped with a micro-printer to quickly print experimental results
- Professional and user-friendly fixture, which can be replaced at will, suitable for samples of different sizes
- Intelligent configuration such as limit protection and automatic return to ensure the safety of users

Basic	It is suitable for breaking force test and hardness test of lipstick, eyebrow
application	pencil and lipstick.

Test principle

The sample is clamped between the two chucks of the breaking force tester, and the two chucks move relative to each other. The lipstick is cut or inserted into the lipstick through the special chuck, and the force value change in this process is tested by the instrument. force data.

Technical indicators

index	parameter
load range	0 ~ 50 N
precision	Level 0.5
loading speed	10 mm/min
Pre-travel speed	1 ~ 500 mm/min steplessly adjustable

Pre-travel distance	200 mm
bracket distance	36 mm / 60 mm
power supply	AC 220V / 50Hz
Dimensions	330 mm (L) × 410 mm (W) × 680 mm (H)
net weight	27 kg

Product configuration

Standard configuration: base, body, load drag mechanism, force sensor, control box, printer