SmartShrink
Rate Tester

The SmartShrink Rate Tester uses visual algorithms to automatically capture warp and weft data of textiles before and after textile shrinkage rates testing. It then automatically calculates the shrinkage rate and generates corresponding data, which is recorded in the software. The process involves scanning and identifying the QR code on the textile product, generating corresponding data in the software, and saving it. This greatly improves the efficiency of shrinkage rate testing in textile factories and reduces human testing errors, ensuring accurate and reliable test results.

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Rate Tester

Power
100-245V 50/60Hz 3A

Weight
40 kg

Dimension
810*680*1130mm (DxWxH)

Specifications

Test mode	automatic test
Sample test size	200*200mm, 250*250mm, 350*350mm, 450*450mm, 460*460mm, 500*500mm, 10*10in. 15*15in. 18*18in.

An additional computer is required (optional)

Operating system: Windows 10/11
Processor: Intel Core i3 or above
Memory: 16GB DDR4 or above
Hard disk: 500GB SATA, solid state drive recommended
Graphics card: discrete graphics card 1G or more memory
Expansion interface: USB3.0 or USB3.1

Standards

AATCC 35   AATCC150   AATCC 179 Method 1   GB/T8630
GB/T 8628   ISO 3759

- **Wide range of applications**
  It is suitable for knitted/woven fabrics, non-woven, laminated fabrics and elastic woven fabrics.

- **Fast and accurate calculation, easy to operate**
  Self-developed visual detection algorithms and detection systems, with high detection speed and accuracy.

- High-definition industrial camera with a Sony IMX183 sensor, with about 20 million pixels and higher imaging quality.

- Require an external computer for operation，and the SmartShrink is equipped wtih a built-in scanning system, which can automatically identify sample number and QR codes.

- **Equipped with automatic data saving function**
  The sample number, sample image, test data and related data all can be automatically saved. Test data can be exported with one click.

- **User friendly**
  High-brightness LED illumination power, with software dimming and no flicker, soft light that is safe for the eyes. The full-aluminum body of the SmartShrink , presents simple and elegant appearance, and this machine is popular by high integration and easy operation.