all4test

SHRINKAGE RATE TESTER

Der SmartShrink Schrumpfraten-Tester ermittelt in 5 Sekunden mehrere Schrumpfraten-Testergebnisse für Stoffe nach dem Waschen, Dämpfen und der chemischen Reinigung.

SmartShrink nimmt ein Bild einer Stoffprobe mit Hilfe einer Kamera an der Oberseite auf, misst automatisch die Abstände zwischen den markierten Punkten und berechnet die Testergebnisse mit dem patentierten Vision-Inspection-Algorithmus von ChiuVention. Die Testergebnisse werden mit der IoT-verbundenen SmarTexLab-App, die auf dem Computer und dem Smartphone installiert ist, geteilt.

EIGENSCHAFTEN

- 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.
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- The sample test size also can be customized.

- A computer is required (optional)
- Operating system: Windows 10/11

TECHNISCHE DATEN

Stromanschluss	230 V / 50 Hz
Druckluftanschluss	nein
PC-Anschluss	USB
Breite / Durchmesser	810 cm
Tiefe	690 cm
Höhe	1140 cm
Gewicht (netto)	40 kg

SmartShrink
Shrinkage Rate Tester

SmartShrink Shrinkage Rate Tester determines multiple shrinkage rate test results in 5 seconds for fabrics after washing, steaming, and dry-cleaning.

SmartShrink takes a picture of a fabric sample by using a camera equipped on the top, automatically measuring the distances between the marked dots, and calculates the test results by the patented vision inspection algorithm of ChiuVention. The test results will be real-time shared with the IoT-connected SmarTexLab app installed on the computer and smartphone.

SmartShrink automatically measures fabric shrinkage and calculates the test results, avoiding manual errors and making the test more accurate and reliable; It automatically saves the test data and sample photos, and can share and send the test results in real-time, making the test more transparent and trustworthy; The whole process of the test has been reduced from 6 minutes to only 5 seconds, making the test more rapid and reducing the cost by more than 90%.

SmartShrink
Shrinkage Rate Tester

Power
220/110V 50/60Hz

Weight
40kg

Dimension
810*690*1170 mm(L*W*H)

The Specification of SmartShrink

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. The sample test size also can be customized.
A computer is required.	
Operating system:	Windows 10/11

▪ **The test results are more accurate and reliable.**

By using SmartShrink, the test sample is photographed with a high-definition camera, and the distances between the marked dots are automatically measured, then shrinkage rate is calculated with a unique algorithm, yielding all test results in real-time accurately.

▪ **Save $30,000/year for textile testing labs.**

In the conventional process, for each sample to be tested for shrinkage, it totally takes 6 minutes to finish the work: measuring and recording before/after washing, calculating, typing the data into the computer, printing the report, etc., while SmartShrink can do all the work above in just 5 seconds.

▪ **Output multiple data at one time, reflecting the quality of fabric more comprehensively and objectively.**

Warp and weft shrinkage, seam twist rate, vertical twist rate, and diagonal twist rate can be output at one time, including credibility rating for the test results. It can evaluate the quality of the fabric more comprehensively.

▪ **Famous brands are using SmartShrink.**

International brands and authoritative testing institutions such as Anta, Adidas,Texwinca and ITS have widely used SmartShrink.

▪ **Can be connected to ERP or LIMS system.**

The test results can be directly uploaded to the factory's ERP or laboratory LIMS system. SmartShrink can help you manage shrinkage test data conveniently and efficiently.