



## PillSnag

### ICI Pilling and Snag Tester

PillSnag ICI Pilling and Snag Tester tests textiles for pilling and snagging. The test involves placing the sample over a polyurethane tube. Then, it is inserted into a rotating chamber. A system runs at a constant speed. It makes the cork lining inside the chamber rub against the sample. This simulates real-life pilling and snagging. After the specified rotations, the sample is removed. It is then compared with standard photos to assess its pilling and snagging grade.

PillSnag is a smart pilling and snagging tester. It can test apparel fabrics like cotton, polyester, and wool; blended and knitted fabrics, like T-shirts, sweatshirts, and sweaters; home textiles, such as sheets, duvet covers, and sofa covers, as well as carpets; also for functional textiles, like outdoor gear and work uniforms, and automotive interiors. It assesses their pilling and snagging resistance in daily use.

# PillSnag

## ICI Pilling and Snag Tester



- **New intelligent pilling and snag test, more efficient**

The instrument is connected via IoT to the SmarTexLab APP in the phone/PC. And the app can connect to ERP/LIMS via an API. Or, the instrument can connect directly to ERP/LIMS. There are test orders and sample information in the system, and the instrument can start the test and record the sample info, test process, and test results. The system will then summarize these into a test report. The report can be sent to SmarTexLab or ERP/LIMS. The relevant parties can view the report in real time.

The operator can remotely monitor the test status of multiple instruments simultaneously and receive an alert directly on their smartphone when the test is over.

In SmarTexLab, you can set up programs to start or stop the instruments. You can chat with ChiuVention service staff for quick support. You'll get reminders that instruments need calibration, maintenance, and new consumables. Regular OTA remote upgrades are available.

- **More reliable test results**

The equipment is able to simulate real usage scenarios and provide reliable pilling and hooking test results. Standardized testing procedures and a sophisticated control system ensure consistency and repeatability of each test result.

- **Multiple testing modes to meet different needs**

The equipment can carry out a variety of modes of testing, such as dry friction, wet friction, etc., to meet the needs of different textile testing.

- **4 work stations, higher efficiency.**

With 4 sample fixtures, multiple samples can be tested at the same time, further improving testing efficiency.

**Power**

220/110V 50/60Hz

**Weight**

100kg

**Dimension**

470\*860\*900 mm(D\*W\*H)

**Specification**

Forward and reverse rotation function

Chamber interior dimensions 235mm \*235mm \* 235mm  
(excluding cork lining)

Chamber rotation speed 30-70 rpm (adjustable)

Chamber rotation count 2-999999 times (settable)

Sample holder tube Dimensions:  $\Phi$ 31.5 +/- 1 mm  
\*140 +/- 1 mm

Weight: 52.25g +/- 1g

Sample plate 125mm \* 125mm

**Optional Accessories**

Pilling assessment viewer

Mounting fixtures (for easy sample installation)

Cork linings - Pack of 6

Rubber tubes - Pack of 4

**Standard**

ISO 12945-1

GB/T 4802.3

NEXT TM19

BS 5811

**Optional Standard**

BS 8479

JIS L1058 Method D-2