

Orbitor²

Pilling and snagging tester

We specialise in instruments for evaluating the potential of woven or knitted fabrics to pill or snag.

Whether you need to comply with a standard or a test method or to replicate a particular surface defect, we have the know-how to find the right solution for you.

Think of Orbitor² as a flexible framework, to which you can add different test boxes, drums or chambers, depending on the type of testing work you wish to carry out.

Two models

To suit different volumes of testing, we offer two- or four-chamber instruments, with any combination of interchangeable test chambers.

Specimens are mounted on tubes and tumbled for an agreed period.



Four-Position Orbitor²

Evaluation

After tumbling, the change in surface appearance is visually assessed under controlled viewing conditions.

For the evaluation of snagging, pinned bars or individual snagging points are added to the chambers.

SnagPod

Snagging resistance tester

Snagging is the appearance of undesirable loops on the surface of garments caused by catching the fabric on sharp objects.



SnagPod was developed with the support of prominent retailers and test houses to establish a more realistic method for evaluating the snagging tendency of knitted or woven apparel fabrics.

The SnagPod chamber is octagonal in shape and incorporates four pinned snagging bars, which are inclined forwards in the direction of rotation.

SnagPod Method

The Pod rotates at 60rpm. The test duration is 2000 revolutions and takes only 30 minutes to complete.

Four specimens are tested simultaneously. The specimens are mounted on felt-covered tubes.

After testing, the specimens are graded against a series of nine SnagPod reference photographs and subsequently assigned an alpha-numeric rating.

The SnagPod method is particularly interesting for sportswear manufacturers and has, for example, been adopted by Nike and their suppliers.



Pinned snagging bars



Specimens mounted on felt-covered tubes