UI-TX09 Bean Bag Snag Tester

1. Application & Test Capabilities

This machine is to test the snagging resistance of knitted fabric. The principle is put the specimen(bean bag inside) into the roller (with rows of needles) and rotate a certain number of cycles, evaluate the grade of the specimen.



2. Features

- **Dual-Drum High Efficiency:** Equipped with 2 independent test cylinders, allowing two specimens to be tested simultaneously to double laboratory throughput.
- **Preset Digital Counter:** Programmable LCD counter (1–99,999 revolutions) automatically stops the machine once the preset test cycles are completed.
- **Clear Observation Cover:** Transparent acrylic drum covers allow operators to visually monitor the tumbling action of the bean bag throughout the test.
- **Precision Pinned Bars:** Eight hardened steel pinned bars per drum mounted at a precise 30° ± 5° angle ensure consistent, repeatable snagging action compliant with ASTM and JIS standards.
- **Replaceable Pins & Easy Maintenance:** Individual pins and bean bags can be easily replaced, ensuring long-term testing accuracy and low operating costs.

3. Test Standards

ASTM D5362, JIS L1058

4. Specification

Model	UI-TX08
Test Stations	2 cylindrical drums
Counter Control	1-99999 can be adjustment
Test Speed	20 ± 3 r/min
Test Cylinder	Diameter: 200mm, Depth: 145mm
Bean Bag	450 ± 10 g
Pin Angle	30 ±5o
Sample	215 x 115mm
Power Supply	1 ∮ AC 220V 50/60Hz
Dimensions	800 x 450 x 550mm(L x W x H)
Weight	40Kg