

Downproof Tester(Impact Test Method) GT-C42



Application:

This Downproof Tester is used for down and/ or feather penetration through the primary tick fabric of a specimen containing feather and/or down filling.

Standards:

BS EN 12132-2

Feature

- 1.A cylindrical cushion is made from the fabric to be tested for its down-proof properties and is filled with a given amount of feather and down material or its mixtures. Sliding on an inclined plan, this cushion is moved by means of a pinned bar against a pinned plate, and is thus compressed. After the impact, the cushion is rolled back following the backward-moving pinned impact rake, and recovers its shape. This procedure is continuously repeated until a certain number of impacts is reached.
- 2.As the stroke of the pinned plate is larger or smaller than the circumference of the cushion, the cushion will be compressed in different places.
- 3.The number of down and/ or feather particles which have passed or protruded from the primary tick fabric is counted.

Key Specifications

Model	GT-C42	
Testing speed	35r/min	
Test stroke	500 mm	
Angle of test table	20°	
Test pins	Length: 80mm Dia.:15mm	
Counter	0~99999 (adjustment)	
Power supply	AC 220V 50/60HZ	
Weight	30kg	
Standard accessories	1pc	Power line