

Summary:

The Automatic Tumbling Barrel Drop Test Machine simulates repeated falls which may occur to such devices as connectors or small remote control units which are normally attached to cables during use. The Automatic Tumbling Barrel Drop Test Machine is the recommended instrument to perform such a test. A barrel is turned at a rate of five revolutions per minute resulting in ten falls per minute. The sample falls from a height of 500mm on to a steel plate that is 3mm thick and backed by 19mm thick hardwood. The number of falls is set by the user in accordance to the standard they are meeting. After the tumble barrel procedure, the specimen is checked visually, mechanically, and electrically as prescribed in the relevant specification.

**Purposes:**

- A. durability of the housing.
- B. Internal Structures in throw performance.
- C. withstand repeated free fall adaptability.

Standards:

IEC60068-2-32 GB/T2324.8 *etc.*

Features:

- Apply on the phone (or other small electronic products) and special equipment which repeated free fall tests.
- Simulated the phone free drop test when using mobile phone.
- Reasonable structure, unique, different mobile phone models have full applicability.
- Equipment operation and stability, low noise, maintenance-free.

Specifications

Item	Automatic Tumbling Barrel Drop Test Machine
Specimen weight	5Kg(max)
Number of tests	1-999999
Test Tumbling Barrel	2 Drum
Drum height	500mm + 1000mm
Drum width	275mm / 350mm
Testing speed	0-20 times/min
Power	AC 220V (Specified)