

**KASON-FTM100 Bag Fatigue Testing Machine**

Note: The picture is for reference only

**Applications**

The KASON-FTM100 bag fatigue testing machine is suitable for conducting vertical vibration fatigue tests on bags such as plastic tote bags, garbage vest bags, kraft paper tote bags, and woven bags that bear a certain weight. Multiple fatigue tests can determine the strength performance of the bag's handles. The machine adopts a fully automatic testing mode. The sample is placed in the clamp, the number of lifting cycles is set, and the instrument automatically completes the test and terminates the test. This fatigue testing machine is widely used in quality inspection agencies and tote bag manufacturers.

**Standards**

GB/T18893 "Retail Packaging Bags", GB/T21661 "Plastic Shopping Bags", BB/T0039 "Retail Packaging Bags", GB/T21662 "Rapid Testing Methods and Evaluation of Plastic Shopping Bags", etc.

**Technical Features**

1. Utilizes a four-column aluminum profile structure, ensuring overall stability, durability, and superior load-bearing capacity.
2. Three sides of the base plate are equipped with baffles to effectively prevent the contents from scattering after the packaging bag breaks, maintaining a clean environment.
3. Equipped with a laser sensor to monitor the sample's suspension status in real time; the equipment automatically stops when the bag breaks, enhancing safety.
4. The testing space reaches one meter, compatible with various sizes of packaging bags, offering a wide

range of applications.

5. The metal bag hook structure is robust, with polished, smooth edges, effectively reducing wear on the bag handles and extending service life.

#### Technical Parameters

<b>Model Name</b>	<b>KASON-FTM100 Bag Fatigue Testing Machine</b>
Vibration Count	3600 cycles
Vibration Count Range	Settable from 1 to 999999 cycles
Vibration Frequency	2.2 ±0.1Hz
Vibration Amplitude	15 mm ±1 mm (total travel from high to low point 30 mm)
Test Space Height	1 meter
Test Suspension Weight	20 kg
Dimensions	510 mm (L) × 570 mm (W) × 1400 mm (H)
Weight	Approx. 65 kg
Power Supply	220VAC 50Hz / 110VAC 60Hz
Operating Environment	Temperature 15°C-50°C; Humidity ≤80% (non-condensing)
Standard Configuration	Instrument main unit, power cord, technical documents

#### Product Configuration:

Standard Configuration: Main unit, laser sensor, power cord, technical documents; Optional Accessories: Professional software, non-standard customization services.

# FOCUS IN MATERIAL TEST

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