

## KASON RCT2000 Ring Crush Tester

KASONTTEST®



Note: The picture is for reference only

**Summary:**

Supports a wide range of paper packaging performance tests, including edge crush strength (ECT), ring crush strength (RCT), flat crush strength (FCT), peel strength (PAT), corrugated medium tensile strength (CMT), and corrugated medium compressive strength (CCT), meeting testing requirements for all product categories, including cartons, paperboard, and corrugated medium.

**High-Precision Sensing:**

Equipped with high-precision force sensors, the system achieves a measurement accuracy of  $\leq \pm 1\%$  with high resolution, delivering stable and reliable data that fully complies with GB/T 2679.8, GB/T 6546, GB/T 6548, GB/T 2679.6, and ISO 12192 standards.

**Precise Speed Control:**

Driven by a stepper motor, the test speed is constant and adjustable ( $12.5 \pm 1$  mm/min), eliminating human operational errors and ensuring traceable and comparable test results.

**Main technical parameters:**

Measuring Range	$\leq 2000\text{N}$
Accuracy	$\pm 1\%$
Unit Switching	N, kN, kgf, gf, lbf
Test Speed	$12.5 \pm 2.5$ mm/min (or adjustable as per customer requirements)
Parallelism of Upper and Lower Pressure Plates	$< 0.05$ mm
Pressure Plate Size	100x100mm (customizable as per customer requirements)
Distance Between Upper and Lower Pressure Plates	80mm (customizable as per customer requirements)
Dimension (Approx.)	420x350x640mm
Power Supply	AC 220V $\pm 10\%$ , 2A, 50Hz
Weight (Approx.)	50kg

# FOCUS IN MATERIAL TEST

**KASONTTEST**®

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