

No.2093

## Short Span Compression Tester

The strength characteristic of corrugated board raw paper is an important factor for judging the compliance of the finished product as a container. This compression tester is Short span test method. The sample is prepared width 15mm and 70mm length. The span between clamps is 0.7mm. The result is calculated to the compressive strength in kN/min. It will calculate the compression index with the grammage in g/m<sup>2</sup>.

**Sample size:** 15mm width 70mm length

**Range of sample:** 100g/m<sup>2</sup> to 700g/m<sup>2</sup>

**Measuring span:** 0.7mm+ 0.05mm

**Load detection:** load cell max 300 N

**Clamp pressure:** 2300N + 500N (by air pressure 0.5MPa)

**Pressurization speed:** 3 + 1mm/min.

**Operation:** Touch panel

**Referential standards:** JIS P-8156-2012 ISO9895

**Power source:** 100/110 VAC 50/60 Hz 2A

**Outer dimensions:** 400 x 400 x 250 mm

**Instrument weight:** 50 kg



Measuring part

No.2094

## Crush tester (simplified type)

This tester measures compression strength of liners, corrugated mediums, corrugated board and small-sized containers. It determines resistance against compression in various forms. It is designed for simplified measurement of compression strength, and a load cell is employed for load detection, achieving accuracy and reproducibility.

**Test item:** CMT, FCT, RCT, ECT, PAT, CCT (Each test parts is needed) option

**Maximum load:** 2000N

**Load detection:** load cell

**Loading:** square screw for upward/downward motion

**Movement speed:** 12.5 ± 2.5mm/min.

**Stroke:** 90mm

**Specimen size:** 12.7mm wide, 152.4mm long (ring crush test)

**Standard accessories:** holders for ring crush, for each thickness, 9 pieces (standard)

**Referential standards:** JIS P-8126-2005, Z-401, Z-402, Z-403 TAPPI T-808, T-809, T-811, T-818, T-821, ISO 12192

**Power source:** 100/110 VAC 50/60Hz 3A

**Outer dimensions:** 430 x 370 x 560mm

**Instrument weight:** 69kg



Ring crush test holder