
HD-A513-2 ECT & RCT

EQUIPMENT DETAILS



GENERAL SPECIFICATIONS

Packaging Dimensions: (WxDxH) 480*460*550mm

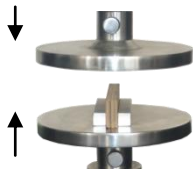
Power supply source: single-phase, 220V±10%, 50/60Hz (can be appointed)

Gross Weight: 70kg

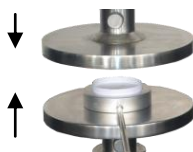
STANDARD FEATURES

Max. Capacity	200kg
Control mode	LCD display, touch screen
Load Resolution	1/100,000
Unit	Kgf, Ibf, N
Load accuracy	Within 0.2%
Result Output	Mini-printer (thermal printer)
Test speed	(10±3)mm/min
Statistics	Mean value, max. & min values of the series
Power	1PH, 220V, 60HZ, 2A (customer specific)
Dimension of machine	480mm×460mm×550mm
Options	ECT sample cutter & holder RCT sample cutter & holder CCT &CMT sample tester & holder PAT sample cutter & holder FCT sample cutter & holder Force Calibration indicator

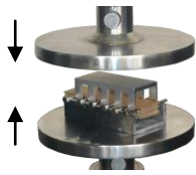
APPLICATIONS



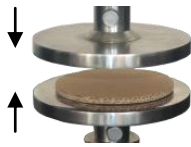
ECT – Edge Crush Test. A sample of corrugated board is subjected to increasing force, Parallel to the flutes until it breaks. The ECT value is expressed as the breaking force is divided by the sample' s width.



RCT–Ring Crush Test. to a certain size in the sample (corrugated paper)within a circular formation, between the upper and lower clamp pressure, can bear the most energeticallybefore the sample is crushing



PAT – Pin Adhesion Test. Adhesion resistance is the maximum force required to separate the linerboard from the fluting with the help of a special sample holder.



FCT – Flat Crush Test. A sample of corrugated board is subjected to increasing force, applied perpendicular to the surface of the board, until the fluting breaks. The FCT value is expressed as the force divided by the samples



CCT – Corrugated Crush Test. A sample is corrugated between heated corrugating rolls. The sample is fixed in a special jig that is adapted to the corrugated shape. The crushing force is applied and measured parallel to the top of the corrugating medium. The CCT value is the maximal force that the sample can withstand before it breaks.



CMT – Concora Medium Test. A sample is corrugated between heated corrugating rolls. The flute is fixed and held together by a pressure-sensitive piece of tape, so that single-sided corrugated board is imitated. The crushing force is applied perpendicular to the papers plane and the breaking force is measured. The CMT value is the maximal force the sample can withstand before it breaks.

HD-A513-B ECT & RCT

EQUIPMENT DETAILS



- 1. The sample is crushed between two plates. The largest force is measured and the value is automatically converted into preset units (N, lbs, KG...)
- 2. Stainless steel plate
- 3. High parallelism

GENERAL SPECIFICATIONS

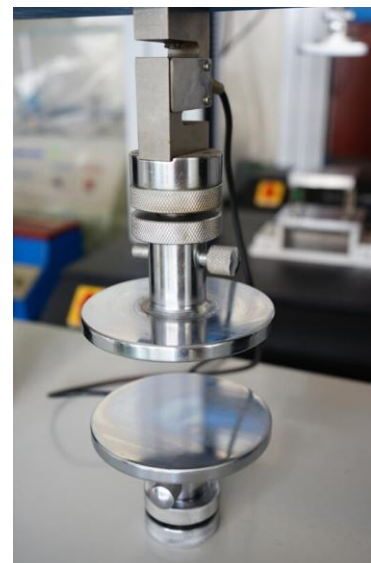
Packaging Dimensions: (WxDxH) 480*460*550mm
 Power supply source: single-phase, 220V±10%, 50/60Hz (can be appointed)
 Gross Weight: 70kg

STANDARD FEATURES

Max. Capacity	500kg
Control mode	LED screen and computer with test curve
Load Resolution	1/100,000
Unit	Kgf, Ibf, N
Load accuracy	Within 0.2%
Result Output	Excel or doc or PDF report
Connection	RS 232
Test speed	(10±3)mm/min
Statistics	Mean value, max. & min values of the series
Power	1PH, 220V, 60HZ, 2A (customer specific)
Dimension of machine	480mm×460mm×550mm
Options	ECT sample cutter & holder RCT sample cutter & holder CCT &CMT sample tester & holder PAT sample cutter & holder FCT sample cutter & holder Force Calibration indicator

HD-A513-C Universal Compression Test Machine

EQUIPMENT DETAILS



GENERAL SPECIFICATIONS

Packaging Dimensions: (WxDxH) 1020x510x1060mm
 Power supply source: single-phase, 220V±10%, 50/60Hz (can be appointed)
 Gross Weight: 120kg

STANDARD FEATURES

Model	HD-A513-C Universal compression test machine
Capacity (Optional)	10, 20, 50, 100, 200, 500 kg
Resolution	1/250,000
Precision	< 0.25%
Operation Mode	Computer control with software TM 2101
Display Mode	LCD
Platen	100×100 mm or depending on the diameter of the flat crush sample
Effective sapce	400x500x600mm
Platen Parallelism	± 0.05 mm
Ring Crush Sample	152×12.7 mm
Edge Crush Sample	25×100 mm
Test Speed	12.7 mm/min
Dimension (L×W×H)	1020×510×1060 mm
Weight	Approx. 100 kg
Power	AC220V, 1.5A

SOFTWARE – TM 2101