

# BCT-02 Box Compression Tester

BCT-02 Box Compression Tester is professionally used to test the compression resistance property of carton box, corrugated box, honeycomb cardboard box and other packaging. And it's also applicable to container compression test of plastic bucket (edible oil, mineral water), fiber drum, carton, paper, cans, container barrels (IBC barrels).



## CHARACTERISTICS

Minicomputer control; high-speed ARM processor to ensure high automaticity, fast data collection, test automatically and intelligent judgment;

Three test methods: compression test; stacking test; press standard test;

Screen dynamic displays sample No., sample deformation, real-time pressure and initial pressure;

Serve motor controls with high precise, low noise and high speed advantages; Accurate position and fast response speed save test time;

24 high-precision AD converter (resolution up to 1 / 10,000,000) and high precision weighing sensor to ensure the speed and accuracy of the data acquisition of the instrument force;

Ultimate travel protection, overload protection, bugs prompt and fault prompts intelligent configuration to ensure safe operation; Micro-printer can print test data easily.

Connecting with computer can display curve, analyze test data, save and print data.

## TECHNICAL INDEXES

Test Range: 20 KN, 50 KN(Optional)

Accuracy: 1% of Reading Value

Force Resolution: 1 N

Deformation Resolution: 0.1 mm

Pressing Plate: Parallelism between upper and lower pressing plate:  $\leq 1$ mm

Test Speed: 1-300 mm/min(Continuously Variable Trans-mission)

Return speed: 1-300 mm/min(CVT)

Stroke: 1000mm

Specimen Dimension: 800mmx800mmx1000mm

Power Supply: AC 220V 50 Hz

## STANDARDS

ISO 2872,ISO 2874

## CONFIGURATION

Mainframe, Control cabinet, Power line, Connecting line, 4 rolls of printer paper

Optional: computer control system