

# Box Compression Tester for Packaging

This box compression tester uses a microcomputer system for automatic measurement and intelligent result analysis. It features three test modes for compression resistance, stacking, and compression at fixed time and pressure.



## ADDITIONAL IMAGES



## Product Overview

### Precision Packaging Analysis

This Box Compression Tester is a specialized instrument designed to evaluate the compression strength and stacking ability of medium and small-sized packaging, such as corrugated cartons. It utilizes a microcomputer processing system for automatic measurement, intelligent result judging, and real-time data display of resistance force and deformation curves. Built with a synchronous motor and thread lead screw drive system, it ensures consistent and accurate testing for quality control and packaging optimization.

## Key Features

### System & Interface

- LCD Display
- Microcomputer processing system
- Automatic measurement
- Real-time curve display
- Integrated microprinter

### Operating Modes

Compression Resistance, Stacking Test, Fixed Time/Pressure Compression

## Technical Performance

### Core Performance Metrics

**10 KN**

Pressure Range

**0.1 N**

Force Resolution

**2 %**

Display Error

**1 mm**

Deformation Accuracy

### Compression Speed Settings

Parameter	Value
Adjustable Range	5-90 mm/min
Standard Speed	12 mm/min
Stacking Test Speed	5 mm/min

## Physical Specifications

### Physical Dimensions

- Dimensions: 850mm (L) x 600mm (W) x 1100mm (H)
- Weight: 200kg
- Lower Platen Stroke: 800mm
- Test Space: 400mm (L) x 600mm (W) x 600mm (H)

## Compliance

### Industry Standards

ISO2874 • Tappi T804