



Compression Strength Tester Model: ADL-CT01

Application

Mainly used for compressive strength testing of various small and medium-sized corrugated cardboard boxes or for testing the compressive strength of packaging containers made of other materials with compressive strength less than 10kN, such as food and beverage instant noodle packaging, cosmetics packaging, beer packaging, grain and oil packaging, and so on. This instrument has high control accuracy and advanced development technology, making it the most cost-effective large-sized cardboard box compression testing machine.

This machine adopts a computer software operating system and has various parameter testing, display, and memory functions included in national standards. It also has curve display, data query and comparison



Standard

GB/T 4857.4	Basic tests for packaging and transportation packaging - Part 4: Compression and stacking test methods using pressure testing machines;
GB/T 4857.	Basic tests for packaging and transportation packages Part 3: Static load stacking test method;
QB/T 1048	Compression testing machine for cardboard and cardboard boxes;
ISO 2872	Packaging - Complete and filled transport packaging - Pressure testing;
ISO 2874	Packaging, fully loaded transport packaging - Stacking testing using a pressure tester;

Specifications

- Measurement range - 10~10000N
- Maximum measurement size - 600 * 800 * 800mm
- Resolution - 0.01N
- Power accuracy - within $\pm 1\%$
- Deformation error - $\leq \pm 1\text{mm}$
- Experimental force testing range - 0.4%~100% FS
- Parallelism of pressure plate - $\leq 1\text{mm}$
- Test speed - 5-300mm/min infinitely adjustable, return speed: 100mm/min
- Compressive strength - $10 \pm 3\text{mm/min}$
- Stacking strength - $5 \pm 1\text{mm/min}$
- Unit exchange - N/Lbf/kgf
- Data analysis - 7-inch touch screen
- Testing functions - compressive strength test, fixed value strength test, stacking strength test
- Printer - Modular all-in-one thermal printer
- External dimensions - 1000x800x1310mm

**Technical Data Subject to change without notice.*

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