Baqa

Box Compression Tester

YT-YSKN series compression tester is a testing machine specially used to test the compression resistance of cardboard boxes. It is suitable for the compression test of packaging parts such as corrugated boxes and honeycomb boxes. It is also suitable for compression test of containers such as plastic drums (edible oil, mineral water), paper drums, paper boxes, paper cans, container drums (IBC barrels).

Model

YT-YSKN

Application Range

- ❖ Carton,beer box,paper tube,paper cup, color box,milk box, etc.
- ❖ Instant noodles for food and beverage packaging, cosmetic packaging, beer packaging, grain and oil packaging, etc.

Application Function

Measure compression strength, stacking strength, constant value

Product Features

- ➤ Precision mechanical design, the instrument uses two precision ball screws and precision guide rods to ensure the high parallelism of the upper and lower pressure plates during the test and the stability of the instrument high-speed transmission.

- ➤ The motherboard adopts the latest technology and new design. The CPU adopts 32-bit ARM processor, which improves the processing speed of the instrument and makes the calculation data more accurate and faster.

- ➤ 5-inch color touch screen, English display, touch buttons, making operation

easy to understand, real-time display of pressure deformation curve, time and other information

➢ The instrument has powerful data display and analysis managementcapabilities, data storage functions; can store 10,000 sets of test data

➢ The instrument adopts the current high-precision pressure sensor and unique sampling algorithm software, which greatly improves the measurement accuracy of the instrument

➢ Thermal printer core, no need to use ink and ribbon, no noise when working, fast printing speed, etc.

➢ The instrument is equipped with a standard RS232 interface, which can be used with PC software for communication (optional)

➢ Non-standard design processing according to user requirements

Key Technical Parameters

❖ Power Supply   AC 220±V10% 50Hz 1000~2000W(can be customized)
❖ Working Environment   (10~35)℃,Humidity≤85％
❖ Measuring Range   (0-5)kN /(0-10)kN/(0-20)kN/(0-30)KN/(0-50)kN
❖ Resolution   1N
❖ Indication Accuracy   ±1%
❖ Measured Area   600×600,800×800,1000×1000, 1200×1200 , 1500×1500m
❖ Work Capacity   600,800,1000 (According require to make) mm
❖ Press Speed   10 (self set）mm/min
❖ Depth of Parallelism Between Top Board to Lower Platen
          ≤1mm（600*600mm）/≤1.5mm（800×800mm/≤2 (1000×1000mm）
❖ Return Speed   1～120（self set）mm/min
❖ Print   Built-in thermal printer
❖ Communication interface   RS232

Standards

✓ GB/T 4857.4 GB/T 4857.3 QB/T 1048 ISO 12408 ISO 2234