

BOX compression



Product Function

- Strength test
- Stacking strength test
- Constant value test

Product Features

- Double precision ball screws and double precision guide rods, stable operation and precise displacement
- ARM processor, 24-bit imported analog-to-digital converter, improve the response speed and test accuracy of the instrument.
- Real-time display of the pressure change curve during the test.
- Sudden power failure data storage function, data before power failure after power-on is retained and testing can be continued.
- Communication with computer software (purchase separately)

Executive Standard

ISO 12408, ISO 2234

Technical Parameters

No.	Parameter item	Technical index
1	Power Supply/Motor	10KN : AC100-240V, 50Hz/60Hz 400W /DC stepper motor (Chinese brand) 20KN : AC220V±10% 50Hz 1kW /AC servo motor (Panasonic) 30KN : AC220V±10% 50Hz 1kW /AC servo motor (Panasonic) 50KN : AC220V±10% 50Hz 1.2kW /AC servo motor (Panasonic)
2	Working Environment	Temperature(10~35)°C, Humidity≤ 85%
3	Display	7 inch color touch screen
4	Measuring range	(0~10)kN/(0~20)kN/(0~30)kN/(0~50)kN
5	Resolution	1N
6	Indication accuracy	±1%(Range 5%~100%)
7	Measured Area	600×600mm/800×800mm/1000×1000mm/1200×1200mm customizable
8	Work Capacity	600mm/800mm/1000mm/1200mm/1500mm customizable
9	Press Speed	10mm/min(1~99)mm/min(Arbitrary adjustment)
10	Parallelism Between Plates	<2:1000 (Example: pressure plate 1000×1000mm, <2mm)
11	Return Speed	(1~120)mm/min (Stepper motor) or (1~250) mm/min (AC servo motor)
12	Print	Built-in thermal printer
13	Communication Interface	RS232(Default) (USB, WIFI optional)
14	Dimension	According to actual condition