

HST-YAW300B Computer Control Compression Testing Machine



1. Application

This compression testing machine mainly used for brick, cement, concrete and other material compressive strength testing. Widely used in metallurgy, building materials, space flight and aviation, colleges and universities, R&D institution lines. The test operation and data processing meets standard requirements.

2. Standards

BS EN 12930.4, ASTM C39, GB/T 50081(part 6)

3. Main Technical Parameters

MODEL	HST-YAW300B
Maximum compression force	300kN
Test Accuracy	Class 1
Control way	Computer control auto loading progress
Test space adjustment method	Block adjustment test space
Oil cylinder piston diameter and stroke	80 mm
Load test Range	4%-100% of FS
Rate of loading	0.3KN/S~10KN/S
Loading speed error	±5%
Max. distance between two platen	220mm

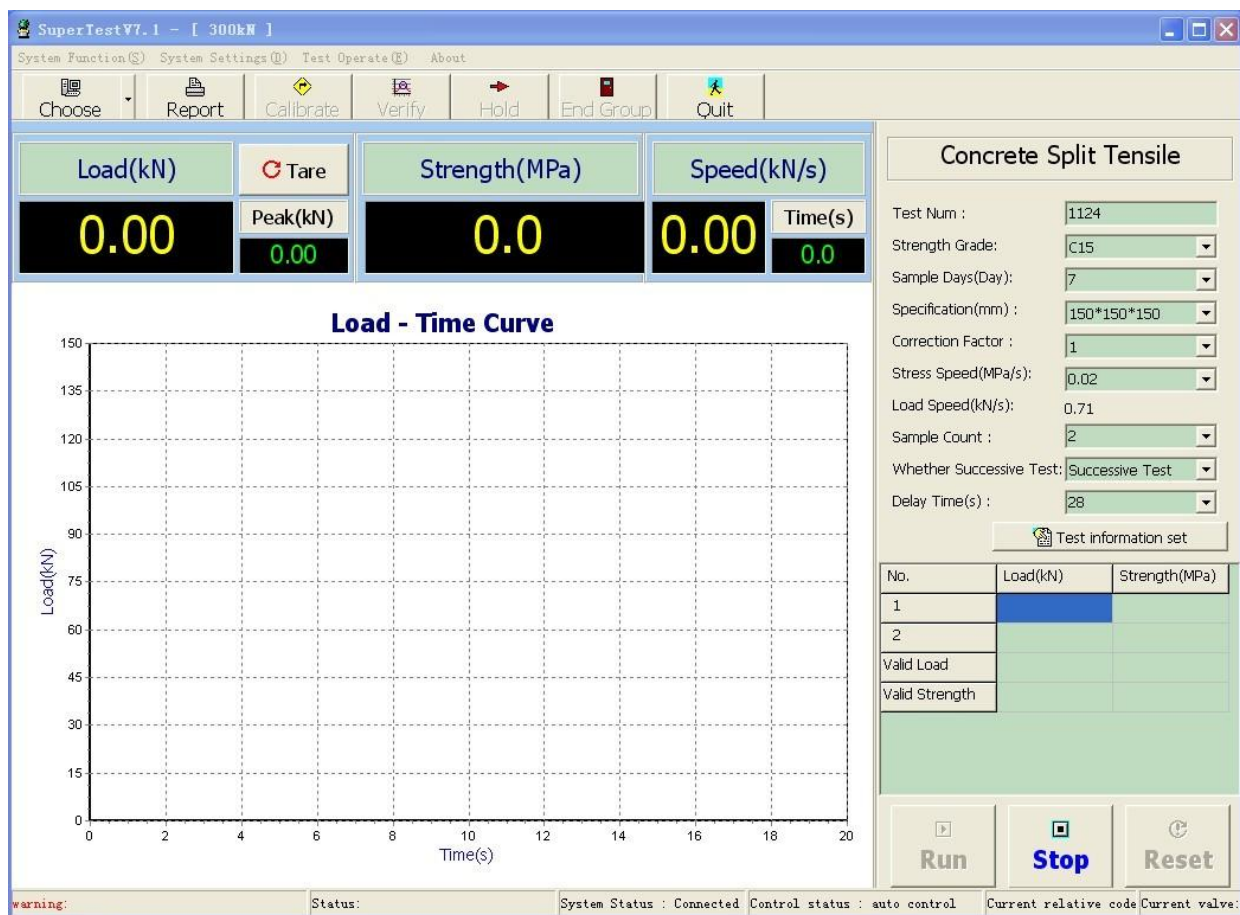
Upper and low Compression platens size	Φ160mm
Power	3ph, AC 380V±10%,0.75kW
Dimensions	920x460x1300mm

4. Configuration:

- High strength main unit- 1 set
- Compression grip--1 set
- Oil source control system-- 1 set
- High property low noise plunger pump-- 1 set
- Three-phase asynchronous motor- 1set
- High precision electro-hydraulic proportional servo valve and valve block group- 1set
- Precision oil filter- 1pc
- one-piece Oil source control cabinet-1 set
- Test and control system--- 1set
- High precision pressure sensor-1pc
- Computer- 1 set

5. Software:

1. The software integrate compression resistant test procedure , such as bricks, cement, concrete and mortar.
2. There is no subsection in all process. (Or classify according to the requirements of customers.)
4. Complete test in batch automatically and adjust breaking of specimen.
5. PC will display test force, peak, time and test curves, etc.
6. Full control process is fully controlled by PC. It is easy to manage and control, collect and calculate.
7. Record and save testing data automatically.
8. Customer design testing reports.



Microsoft Excel - Report-ENG

File Edit View Insert Format Tools Data Window Help

ABC

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	A	B	C	D
1	Compression Test Report			
2	Report No.:			
3	Test Lab		Sample Supplier	
4	Test Standard		Machine Name	
5	Sample Spec		Strength Grade	
6	Sample Age		Cutting direction	
7	Operator		Date	
8	Others			
9				
10	No.	Load	Strength Mpa	
11				
12	Conclusion			
13				
14	Curve			

