

**KSCTM305DGW Computer Control Electric Compression Testing Machine**



## Main Application

This machine adopt computer auto control, with constant test speed, constant stress, test force keeping and other control mode. The computer realize test data and test curve display, save, manage function, can print test report. With special fixtures, can test other material compression and flexural testing.

## Feature:

- This testing machine adopt AC servo system drive the AC servo motor, by precision reduction gears drives the ball screw, with high test accuracy, low noise.
- Without pressure oil leakage and proportional valve blocking, low noise, more reliable.
- Window control and dealing software, design more reasonable.
- Can arbitrarily set pressure value, pressure time, auto calculate test result.
- Advanced auto control function, can do single or batch test.
- Auto stop, after sample broken.
- With over load protection

## Main Technical Parameters

Model	KSCTM305DGW
Max compression test force(kN)	300kN
Max bending test force(kN)	10
Test Accuracy	CLASS 1 (ISO 7500-1)
Test measurement range	2%-100%FS
Control way	Computer control auto loading progress
Constant loading speed	0.1KN/S~10KN/S
Test space adjustment meth	Block adjustment test space
Speed	0.01-50mm/min
Max compression space	200mm
Upper and lower	Φ280
Size	570*410*1340mm
Power supply	220V, 50HZ, 1.5 KW

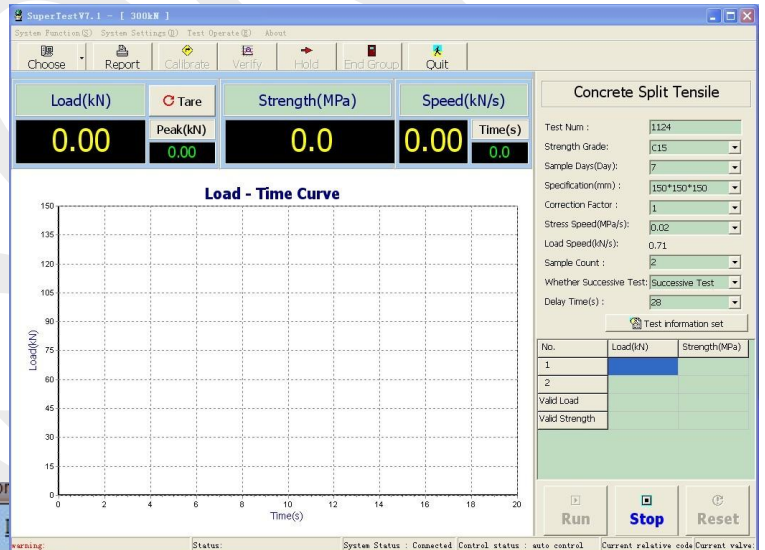
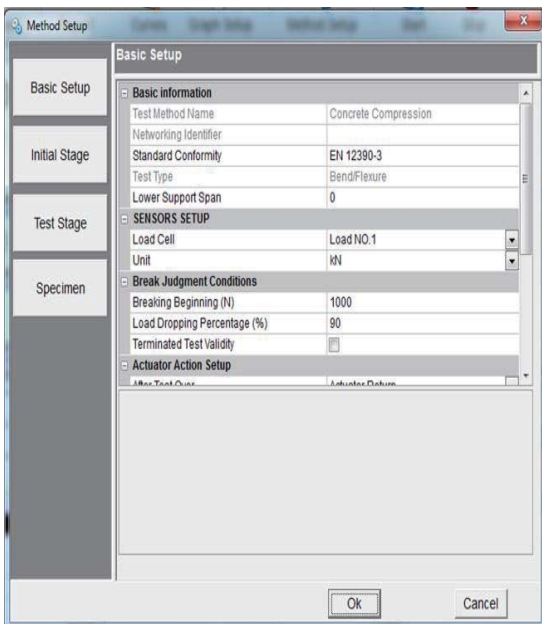
### Configuration:

1. High strength host -----1 Set
2. High precision arc synchronous deceleration system----1 Set
3. High efficient reducer-----1 Set
4. High precision precision lead screw pair-----1 Set
5. Compression platen-----1 Set
6. Dust cover-----1 Set
7. Flexural test tooling (optional):  
Flexural grip-----1 set;

- 10KN high precision load cell -----1 pcs;
- 8. Test control system -----1 Set:
- 8.1 Taiwan AC servo speed control system-----1 Set;
- 8.2 Taiwan AC servo governor motor-----1 Set;
- 8.3 High precision spoke load sensor-----1 pcs;
- 8.4 Brand computer-----1 Set;
- 8.5 HP A4 color ink jet printer-----1 Set;
- 8.6 Full digital test and control system for testing machine-----1 Set;
- 8.7 MaxTest software, under WINDOWS98/2000/XP operating environment -----1 Set

**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.) Complete test in batch automatically and adjust breaking of specimen.
- 3) PC will display test force, peak, time and test curves, etc.
- 4) Full control process is fully controlled by PC. It is easy to manage and control, collect and calculate. Record and save testing data automatically.
- 5) Customer design testing reports.



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