



**TIME Group Inc.**  
**TIME-SHIJIN Group.**

## Compression test for Ceramics

Product over view:



YAW-2000D

### Specification:

Maximum load capacity: 2000kN (0-2000kN)

Test load available in: 4%-100% FS (it means the test load in this range will be accurate within 1% due to the load cell capacity)

In this machine the accurate range will be: 80kN ~ 2000kN

Relative error of test load: less than 1% of read out (conform with ASTM E4)

Constant stress control: 1-20 (Mpa / S)

Test space: Original 500mm (Extendable up to 700mm)

Compression plate dimension: 400mm x 400mm

Piston stroke: 0-200mm

Empty stroke maximum speed: 50mm/min

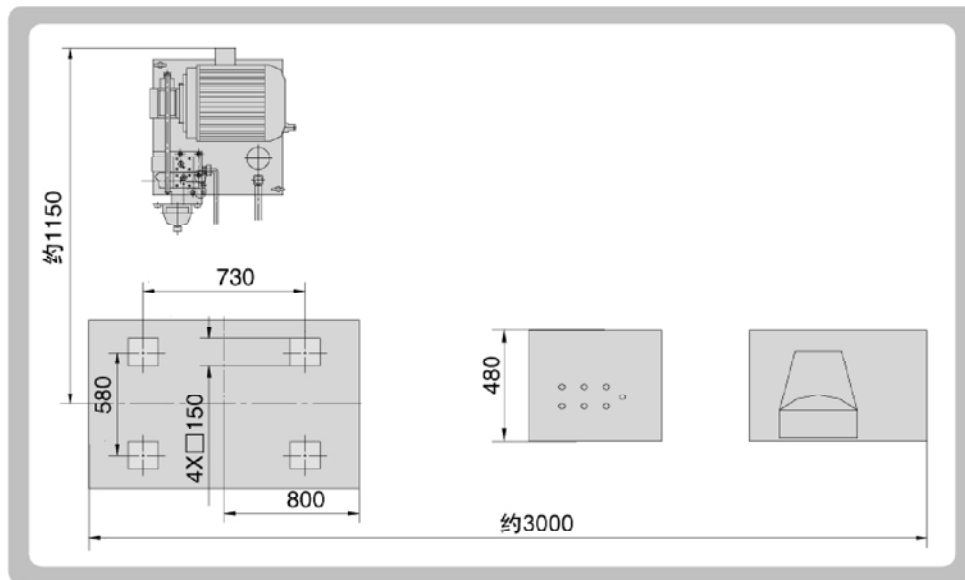
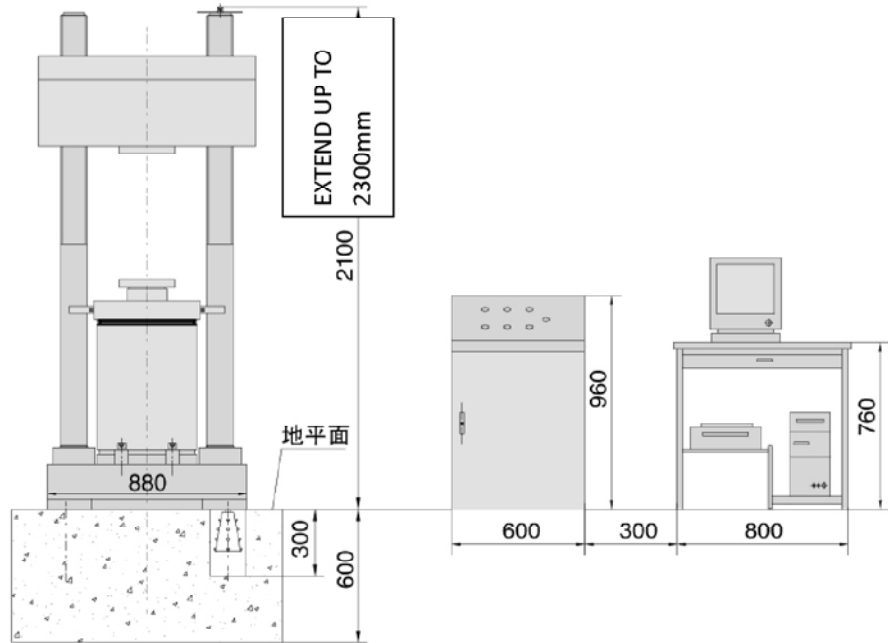
Distance between two columns: 540mm

Total motor power supply: 380V 50Hz 3ph @ 2.5KW

Machine dimension: refer to Pre-installation information.



Pre-installation information:





Constant Stress Control via servo control and software:

Basic Programming Speed

Step Number: 1

Step	At	Mode	To	Unit	Hc
1(Pre)	20	MPa/s	12	kN	0
2					
3					
4					

Step: 1

At 20 MPa/s To 12 kN

Hold 0 s, Turn Next Step

Test Start Test Over Return

Next Specimen Return Apace

Program summary

Stress control

Target load capacity

Jump condition

Load Holding time