



(/) **1. Application**

This series compression testing machine is mainly designed for compression test of building material items, such as concrete cube, concrete blocks, cement specimen, and bricks etc, also used for compression performance test of rubber pad and top forge test of metal. With new design idea and advanced technology, this series have more advantages in appearance, operation & applications. It is the ideal test equipment for quality control at industry & mineral enterprises, education in high schools, and technology researches at scientific institutes.

2. Standards:

It is conformed to EN 12390-3, 12390-4; BS 1881, ASTM E4, ASTM C139, ISO7500-1, EN10002-2, BS 1610, DIN51220, C1231 –AASHTO T22 -NF P18-411 -UNE 83304, 7242 etc.

3. Main Specifications

Model	HCTM-2000W	HCTM-3000W
Max. Load	2000kN	3000kN
Control method	Computer auto control loading process	
Test space adjustment mode	Electric ball screw adjust	
Test class	1 class	
Load measuring range	2-100% of F.S	
Load accuracy	±1.0%	
The roughness value for texture of loading and auxiliary platens	≤ 3.2μm	
Distance between columns (mm)	380	
Upper compression platen (mm)	300*300	
Lower compression platen (mm)	300*300	300*300
Distance between columns(mm)	380	430
Piston stroke(mm)	150	150
Distance between upper and lower plate	320mm	410
Power supply	AC380V/220V	
Overall dimension (mm)	1000x420x1550	1350x500x1680
Weight (kg)	1200	1400