

# YAW Series Computer Controlled Hydraulic Direct Compression Testing Machine

## Brief introduction:

This series machine is used for direct compression tests for materials, especially suitable for those hard brittle materials. The machine is widely used in construction material tests like concrete, wood, carbon steel and rocks. By equipping with different control system, this compression testing machine can be servo controlled, computer displayed, LCD digital displayed. By changing different optional accessories, this series machine can make three points bending and four point bending tests.



## Main Technical Specifications:

Specification	YAW-300B	YAW-1000	YAW-2000D	YAW-2000B	YAW-3000	YAW-3000A	YAW-5000F	YAW-10000F
Max test load (kN)	300	1000	2000	2000	3000	3000	5000	10000
Load range	4%-100% of max test load							
Accuracy of load	≤ ± 1%							
Dimension of compression plate (mm)	Φ 150	320• 320	250• 250	Φ 300	Φ 330	400• 400	800• 600	480• 480
Compression space (mm)	250	0-500	0-500	300	0-650	0-1000	0-1500	300-4000
Piston stroke (mm)	35	150	150	150	150	200	200	250
Clearance of columns (mm)	285	460	540	540	560	560	670• 870	1220• 1270
Dimension of mainframe (mm)	540• 540• 1409	780• 540• 2650	1050• 650• 2100	1050• 650• 1700	1060• 800• 2200	1000• 1480• 2400	1400• 1200• 4045	1850• 2100• 7350
Weight of mainframe (kg)	600	2500	3500	3500	7000	5500	14000	48500
Power (kw)	2	2.6	3	3	7	7	8.5	25