

Computerized Servo Control Flexural and Compression Testing Machine



Main features:

1. AC220V power supply, easy to deploy the power in laboratory.
2. Servo motor drive. There is no oil leak and servo valve stuck and the other malady compared with the traditional oil pressure way.
3. Low noise.
4. High accuracy in load sensor measuring the force. The range can reach 2%~100% of full range.
5. There is no need to change the oil every year saving the oil fee, no quick-wear part compared with the traditional liquid pressure way. It is high cost efficient.
6. The products have the impeccable position limitation protection, overload protection, emergency stop and the other protective function.

Function and Usage:

EI-Y300E used servo motor control with reducer and the computerized control system which made it to be the most advanced test the strength of material such as ordinary cement mortar, oil well cement, steel ball, polyurethane and other materials.

Technical Parameters:

Model	EI-Y300E
Compressive Test Force	300kN (Compression) / 10kN (Fracture Resistance)

ECO INSTRUMENT (NS0081046-M)

Measuring Range	2% ~ 100% FS
Accuracy Class	Class 1
Loading Speed	0.3kN/s ~ 10kN/s (Compression) 50N/s (Fracture Resistance)
Daylight Opening	260mm
Screw Effective Stroke	100mm
Platen Size	155mm (Compression) 80mm x 150mm (Fracture Resistance)
Pillar Clear Spacing	300mm
Power Supply	Single Phase 220V, 50Hz
Motor Power	0.75kW
Main Dimension	600 (L) x 560 (W) x 1500 (H)mm
Total Weight	Approx. 400kg
Main configuration:	
Main Unit with AC Servo Motor & Reducer	1 set
High Precision Pressure Sensor: 300kN (Compression) & 10kN (Fracture Resistance)	Each 1 unit
Branded Computer set & A4 Inkjet Printer	1 set
Compression Platen	1 set
Fracture Fixture	1 set
Instruction Manual (hardcopy)	1 suit