



Product Code: AI-7000-LAU

Servo Control System Universal Testing Machine

Standard: EN 10002, EN 10080, EN 15630-1, EN 15630-3 | EN ISO 6892-1, 7500-1 | ASTM A370, ASTM E8

Description:

The AI-7000-LAU is a heavy-duty universal testing machine with an advanced servo control system and high-capacity measurement. Its robust, high-rigidity design allows for high test loads on sturdy specimens.

Technical Specifications

Unit (Switchable): kgf, lbf, N, kN, kPa, Mpa	Load Resolution: 1/500,000
Load Accuracy: $\pm 0.5\%$	Load Range: Rangeless (full scales at the same amplification)
Stroke (exclude grips): 1050 mm	Effective Width: 570 mm
Test Speed: 0.0001~500 mm/min Selectable, 0.001~250 mm/min Selectable	Speed Accuracy: $\pm 0.5\%$
Stroke Resolution: 0.00003mm	Computer Acquisition Frequency: 200 times/sec (or 500 times/sec)
Main Unit Dimension (W×D×H): LAU5/10: 114×70×214cm, LAU20: 126×80×222cm, LAU30: 126×85×247cm, LAU50: 126×90×275cm	Main Unit Weight (approx.): LAU5/10: 717kg, LAU20: 1050kg, LAU30: 1230kg, LAU50: 1750kg (excluding control cabinet and grips)
Power: LAU5/10: 3 ϕ 220V,20A/3 ϕ 380V,15A LAU20/30/50: 3 ϕ 220V,25A/3 ϕ 380V,20A 50Hz/60Hz	

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