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High Frequency Fatigue Testing Machine

Product description:

Testing Machine



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PRODUCT DETAILS PRODUCT VIDEO

Application:

PLG Series Electromagnetic Resonance Fatigue Testing Machine is used for fatigue tests on metallic materials and components under tension, compression or reversal load. Equipped with relevant grips, three-point bending test, four-point bending test, tension and compression of sheet sample test, tension and compression of circle test, gear wheel, bolt, connecting rod, roller chain, crackle expanding tests can be done on this machine. The series of testing machines undergo optimization design, the structure is rational. The automatic controlled system adopts the advanced pulse wide control system and new-type power amplifier to improve the reliability of the electric system. It has high efficiency, easy to shake, no-stop shake, low energy consumption, high controlling accuracy, small fluctuation. The machine is complied with DIN50100.

Specifications:

Model	PLG-100C	
Frequency	50-300hz	
Load capacity (kN)	±100	
Load capacity for dynamic (peak value) (kN)	50 or 70	
Relative error of static load	≤±1%	
Power	300VA	
Load 0.5%F-S fluctuation	Dynamic	0.5%F-S
	Static	0.5%F-S
Max. distance between grips(mm)	800	
Max. distance between columns (mm)	500	
Dimension (mm)	Load frame	800*700*3100
	Control cabinet	600*600*1200
Weight(kg)	Load frame	2750
	Control cabinet	70
Optional: high temperature furnace and high temperature extensometer, fatigue crack rate test;		

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