

KASON-HFT SERIES

Electromagnetic Resonance High Frequency Fatigue Testing Machine



APPLICATION

HFT 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.

TECHNICAL SPECIFICATIONS

MODEL	KASON-HFT204	KASON-HFT504	KASON-HFT105	KASON-HFT205	KASON-HFT305	KASON-HFT505
Load capacity (kN)	20	50	100	200	300	500
Load capacity for dynamic (peak value)(kN)	±10	±25	±50	±100	±150	±250
Load measuring range	1%-100%FS					
Testing machine accuracy	Static indication accuracy: +0.5%; Dynamic loading accuracy: +1%					
Frequency	50-250hz					
Relative error of static load	±1%					
Load fluctuation	1%F-S					
Max. distance between grips(mm)	500	500	500	700	700	600
Weight(kg)	500	500	500	600	600	600
Power Supply	AC220V±10%, 50HZ					

