

Electro-hydraulic servo axle housing bending test system



The picture is for reference only

HST-PWT500 electro-hydraulic servo axle housing bending test system is mainly used for bending fatigue test and static compression test (static stiffness test) of automobile axles, and also applicable to the performance test of various structural parts under dynamic load. By changing the fixture, it is possible to complete the tensile, compression, high cycle, low cycle, fatigue crack and other experimental research on materials and components.

Main specifications, technical parameters and technical indicators:

No.	Item		Main specifications, technical parameters and technical indicators:
1	500kN actuator	Max. test force	$\pm 500\text{kN}$, indication accuracy 2%-100%FS $\pm 1\%$
		Max.stroke	300mm, $\pm 0.5\%$ FS
	200kN actuator	Max. test force	$\pm 200\text{kN}$, indication accuracy 2%-100%FS $\pm 1\%$
		Max. amplitude	$\pm 125\text{mm}$, $\pm 0.5\%$ FS
2	Main waveforms		Sine wave, square wave, triangle wave, ramp wave, random wave, etc.
3	Control way		Force and displacement full digital PID closed-loop control
4	Actuator installation		front and rear mounting ears





MACHINERY DIRECTIVE ATTESTATION OF CONFORMITY

Technical file of the company mentioned below has been inspected and audit has been completed successfully.

2006/42/EC Machinery Directive Annex VIII has been taken as references for these processes.

Company Name : **JINAN HENSGRAND INSTRUMENT CO., LTD.**
Company Address : NO.4915, WEST JINGSHI ROAD, JINAN, CHINA
Related Directives and Annex : **2006/42/EC Machinery Directive/Annex VIII**
Related Standards : **EN ISO 12100:2010, EN 60204-1:2018**
Product Name : **TESTING MACHINE**
Report No and Date : TCF-JHIC230128-MD
Product Brand/Model/Type : WDS-1, WDS-2, WDS-3, WDS-5, WDS-10, WDS-20, WDS-30, WDS-50, WDS-100, WDS-200, WDS-300, WDS-500, WDW-1, WDW-2, WDW-3, WDW-5, WDW-10, WDW-20, WDW-30, WDW-50, WDW-100, WDW-200, WDW-300, WDW-500, WDW-600, WDW-1000, WE-300, WE-600, WE-1000, WE-2000, WEW-300, WEW-600, WEW-1000, WEW-2000, WAW-300, WAW-600, WAW-1000, WAW-2000, WAW-3000, WAW-5000, WAW-6000, LAW-1000, JB-300B, JBS-300, JBW-300, JB-500B, JBS-500, JBW-500, JBW-750, CST-50, VU-2Y, VU-1S, DWC-40, DWC-60, DWC-80, DWC-100, DWC-196, YES-2000, YES-300, YAW-1000, YAW-300, YAW-2000, YAW-3000, YAW-5000, NDS-200, NDS-500, NDS-1000, NDS-2000, NDW-200, NDW-500, NDW-1000, NDW-2000, NDW-3000, NDW-5000, NDW-10000, HEZ-3, HEZ-6, HEZ-10, JWJ-10, TLS, TLW, HST-P50, HST-P100, HST-P200, HST-P300, RDJ, NDT, DWTT, GBW-60, GW-50, HST, XNR-400

Certificate Number : **M.2023.206.C81366**
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