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HST-PLZ100 Electro-hydraulic servo car steering gear test bench

Product description:

Application This series of fatigue test bench adopts multi-channel electro-hydraulic servo technology, taking the whole system of heavy truck steering system as the test object, using electro-hydraul



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PRODUCT DETAILS PRODUCT VIDEO

Application

This series of fatigue test bench adopts multi-channel electro-hydraulic servo technology, taking the whole system of heavy truck steering system as the test object, using electro-hydraulic servo motor as the input to simulate the steering wheel, and the servo swing cylinder as the output to simulate the ground load, the overall performance of the steering system. Test with reliability. It is also equipped with a linear servo actuator for the relevant assembly, especially for testing the performance of the steering gear assembly.

NO.	Item	Technical Parameter
1	Steering shaft angle	Unlimited
2	Steering shaft speed	±120r/min
3	Rocker shaft torque	±10kN.m
4	Rocker shaft swing angle	±50°
5	Rocker shaft speed	±60r/min
6	Temperature measurement range	0 ~ 300°C
7	Flow measurement	40L/min
8	Control System	Instron Labtronic8800 Four-channel control system