



5000KN Servo-hydraulic Ring Expansion Machine

Product description:

This series of products are mainly used for the compression test of special materials such as metal components, building components and petroleum proppants, and can also be used for the pressure test



(http://www.hssdgroup.com/PRODUCT/Hydraulic_Ultra_Speed_Testing_Products/21E.html) (http://www.hssdgroup.com/PRODUCT/Pressure_Testing_Products/21E.html) (http://www.hssdgroup.com/PRODUCT/Pressure_Testing_Products/21E.html) (http://www.hssdgroup.com/PRODUCT/Pressure_Testing_Products/21E.html)

Share With:

We're here to help:
Easy ways to get the answers you need.

Send E-mail (mailto:Louis@hssdtest.com)

Chat Now (skype:sales02@hssdtest.com?chat)

PRODUCT DETAILS

PRODUCT VIDEO

Application:

This series of products are mainly used for the compression test of special materials such as metal components, building components and petroleum proppants, and can also be used for the pressure test identification of jacks.

Features:

This series of products consists of the main engine, servo hydraulic system, computer system and measurement and control unit. It adopts servo hydraulic loading, electronic force measurement, load, stress and displacement automatic control function, and has 500-hour load-holding test function. During the test, according to the set loading rate, the automatic loading and tracking measurement, real-time display of the loading rate state, with load, displacement, automatic calibration and other functions. The test data is automatically processed and displayed, and test reports with test date, number, damage load, compressive strength and other indicators are printed.

The force measuring unit of this series is made of high-precision sensors and imported high-quality electronic components. The interface control adopts photoelectric isolation and has zero point, fullness and gain adjustment functions to ensure reliable operation and accurate measurement under any environmental conditions.

Main Specification:

Model and specification	HST-800	HST-1000	HST-1200	HST-5000	HST-10000
Capacity (kN)	800	1000	1200	5000	10000
Test force range	2% ~ 100%F.S(Full scale without splitting)				
Test force accuracy	±1%				
Compression space (mm)	320			1500(Can be customized)	
Size of upper plates (mm)	Φ300			820*820	1050*1050
Size of lower plates (mm)	300*300			820*820	1050*1050
Distance between columns (mm)	420			780	1140
Piston stroke (mm)	80			200	
Dimension (mm)	660*610*1440			1190*900*3000	1640*2300*4000
Power (kW)	0.75 AC 380V±10%			7 AC 380V±10%	11 AC 380V±10%
Weight (kg)	1050			1000	1800

