

HST-YES300 digital display compression testing machine



Main Application

HST-YES300 digital display compression testing machine mainly used for concrete rupture strength testing, cement, plastic sand, and red brick building materials compression resist testing. Widely used in metallurgy, building materials, space flight and aviation, colleges and universities, R & D institution lines. The test operation and data processing meets standard requirements.

Product description:

Structure: mainly composed by main unit, oil source and measuring control system.

Measuring control system: The machine adopts hydraulic loading, the electronic testing load. With digital display load, loading rate, keeping maximum load, overload protection and outage data keeping and other.

Safety protection device: When the test force exceeds the 3% of the maximum test force, overload protection, the oil pump motor stop.

Main Technical Parameters

Model	HST-YES300
Max test force	300kN
Control mode	Manual control

Test force indicate accuracy	Better than $\pm 1\%$
Max piston stroke	80 mm
Max piston speed	50mm/min
Effective compression space	180mm
Upper and lower pressure plate size	$\phi 160\text{mm}$
Machine size	1270 $\times$ 470 $\times$ 1250mm
Power	AC 380V $\pm 10\%$, 0.75KW
Weight	550kg

Main configuration:

Main unit and oil source control cabinet	1 set
High precision compression sensor	1 pc
English version operate instrument	1 suit
Micro printers	1 set
Specialized compression attachment	1 suit
Accompany tools	1 suit
Accompany documents	1suit









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, DWIT, GBW-60, GW-50, HST, XNR-400

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