

GBS-60 Digital Display Cupping Testing Machine



The picture is for reference only

Application & Features:

The cupping testing machine is used to test extend and stretch capacity of metal thin plate and band. It is the only instrument to test the metal's plastic deformation. Also it can be used to test non-ferrous metals anisotropic character if adding impact cup mould. The machine adopts high precision raster measure instrument to test Erichsen value so it has a high testing precision. It adopts the electric control machinery onload and LCD spoke sensor so it raised the testing precision of the main test force and accuracy of controlling sample breaking.

Standards:

ISO20482: 2003 Metallic materials-Sheet and strip-Erichsen Cupping Test, GB/T4156-2007 Metallic materials-Sheet and strip-Erichsen Cupping Test.

Feature

1. Use a servo motor to load instead of hydraulic piston and cylinder;
2. Change oil pressure cylinder to Load Cell, more precision and reliable;
3. Auto stop when crack appears, convenient to observe the crack;
4. With peak value memory function, like max. punch load, max. deformation deep etc;
5. Turnover grips, punch and sample is easy to change;

Specification:

Model	GBS-60
Specimen thickness	0.1-2mm
Max Specimen width	100mm
Max Punch stroke	60mm
Clamping piston stroke	19-21mm
Max. punching load	60Kn
Max. clamping load	25Kn
Standard punch diameter	$\Phi 20 \pm 0.05 \text{mm}$
Standard cushion mold hole diameter	$\Phi 33 \pm 0.1 \text{mm}$
Standard press mold hole diameter	$\Phi 27 \pm 0.05 \text{mm}$
Display resolution	0.01mm
Speed	2-100mm/min
Display resolution	0.01mm
Display mode	LCD display
Display value	Clamping force, stamping force, displacement and cup drawing value, speed rate
Control mode	Manul adjust speed rate, Automatic adjust and record cup drawing value
Structure	Composite cylinder, double oil pump supply oil, grating measurement





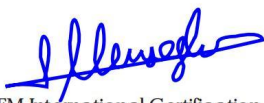
MACHINERY DIRECTIVE ATTESTATION OF CONFORMITY

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**
Initial Assessment Date : 31.01.2023
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Reissue Date/No : -
Expiry Date : **31.01.2028**


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