



**Лабораторне обладнання
Реалізація
Ремонт
Модернізація
Виготовлення обладнання за ТЗ замовника**



ТОВ ВТП "АСМА-ПРИЛАД"



GBW-60B Computer Control Cupping (Erichsen) Testing Machine

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 metal's 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

Main Technical Specifications:

Thickness of holding sample: 0.05~2mm (with high precision sensor, it can achieve ultrathin plate test.

(Special order: non-standard cup: 0.05~3mm; non-ferrous metal plate: 0.1~2mm)

Max capacity: 60kN

Range of testing force: 0.2kN~60kN

Test accuracy: error less than $\pm 1\%$

Test speed: 2~100mm/min (at any speed, it can keep constant speed control)

Distance of punch pin running: 40mm

Distance of holding pistons running: 40mm

Max load of punching: 60kN

Max load of holding: 10kN

Resolution of Erichsen value: 0.01mm

Hydraulic oil: N46 hydraulic oil

Display: Computer control



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