

**Product Name :**  
Sheet Metal Ductility Testing Machine With Ball Screw  
FPGA Test Equipment

**Product Code :**  
ENGLABINGCAG980002



**Description :**

Sheet Metal Ductility Testing Machine With Ball Screw FPGA Test Equipment

**Technical Specification :**

Can set the depth and load  
Use ball screw, high accuracy  
High coaxial degree.  
FPGA, Single Chip and with 100 m data processing speed to make sure data wont be missed  
Collecting and processing data at the same time, Control stability efficient  
Special differential circuit, power and peripheral interface full isolation design, anti-interference ability  
Through the special differential circuit with FPGA internal pure hardware high precision digital displacement device makes test results more accurate and reliable;  
Two way and a high precision AD collection, stamping load and clamping force is more exquisite,  
7 inch TFT industry true color touch display, graphics beautiful, operating more humanization;  
Electrical design satisfy EMC safety standards  
limit position protection, full scale overload protection function

Cup drawing Display error: 0.01mm  
Max force: 60kN  
Clamp force: 25kN  
Clamping force relative error: 2%  
Test force range: 2%100%

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Test force display error: 1%  
Displacement resolution: 0.002mm  
Stamping stroke: 60mm  
Clamp stroke: 25mm  
Stamping speed: 0.01-20mm/min  
Plate maximum width: 100mm  
power: 2kW/AC380V/50Hz  
frame: 835mmx412mmx1350mm



## Engineering Lab Equipment India