

## Automatic Cupping Tester

**B**GD 310 is a automatic cupping tester. On the base of BGD 309, this machines punch can rise automatically at the speed of 0.2mm/s which is required by standard. Eliminate the error coming from hand lifting.

Moreover, BGD 310 automatic cupping tester is equipped with a high definition screen, operator can observe clearly the damages (cracking) from tested specimen, thus judge test result easily and more precise.

It conforms ISO 1520, BS 3900 Part 4, DIN 53166, DIN 53233 etc

### Features:

- ◆ Punch is lifted automatically (Constant speed: 0.2mm/s) , get more reliable and more comparable test results.
- ◆ Automatic coordinate positioning system: machine can memorize the home position after being zeroed, and locate the punch position automatically.
- ◆ High-power magnifier and high definition showing screen, judging test results is easier and more directly. And no need to focus during the whole test.
- ◆ The lifting distance of punch can be set freely from 0~18mm
- ◆ High precision raster displacement sensor, locate accurately and precision can reach  $\pm 0.01\text{mm}$
- ◆ The max. width of test panel can be 90mm

### Main Technical Parameters:

★ Diameter of punch:  $\phi 20\text{mm}$  ( 0.8 inch )

★ Maximum dent depth: 18mm

★ Maximum depress power: 2,500N

★ Precision of dent: 0.01mm

★ Suitable thickness of test panel: 0.3mm~1.25mm

**Note:** The max measurable thickness varies by material:

304 stainless steel: up to 0.7mm; A3 steel panel: up to 1.25mm;

Aluminum panel: up to 2mm (thickest).

★ Net Weight: 52KG

★ Overall Size: 466mm × 322mm × 500mm ( L × W × H )

★ **Ordering Information:**

BGD 310---Automatic Digital Cupping Tester



Scan for video