

Automatic Cupping Tester

BGD 310 is a automatic cupping tester. On the base of BGD 309, this machine's 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 Weight: 20Kg
- ★ Suitable thickness of test pane: 0.03mm~1.25mm
- ★ Dimensions: 230 × 300 × 280mm (L × W × H)

★ Ordering Information:

[BGD 310/2---Automatic Digital Cupping Tester](#)