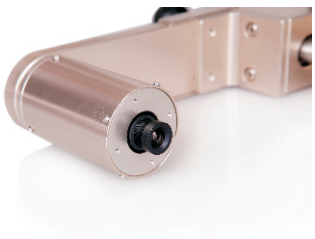
Deformation

Automatic Cupping Tester

Introduction:

- BEVS Automatic Cupping Tester is an advanced technology to efficiently assess the elasticity and cupping resistance of various coatings, with a new generation micro - electro and CCD technology, also has strong functions such as can be video or photo the deformation process or result that can be copied the image to U disk and then connect with PC to analyse the various factors between coating performance and substrate etc.
- Customized design software operation system and provide the USB port for mouse and U disk and camera, best choice for R & D and QC people.
- The test is either used as a ″pass /fail ″ test by preset to a specified depth or defining the minimum depth at which a coating fails by gradually increasing the indentation, or carry out the deformation by indentation under standard conditions.

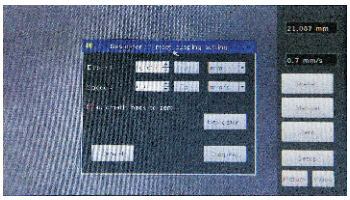


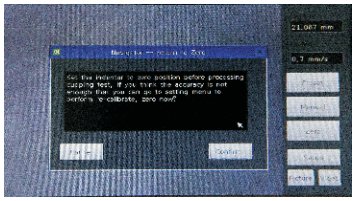
Technical Specification:

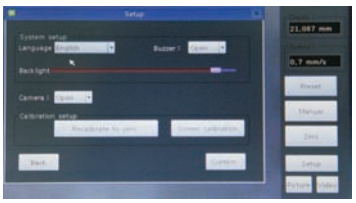
- Stroke length: 0-15mm, accuracy: ±0.01mm
- Indenter speed: 0.02-0.4mm/s,accuracy: ±0.5mm
- Control: Automatic
- Camera: Colorful CCD
- Light source: LED light source
- Cupping result: Digital (resolution 0.001mm)
- Interface: USB port for mouse & U disk & CCD
- Max. panel width: 70 mm
- Max. panel thickness (steel):
  1.25 mm (Standard Speed 0.2mm/s)
- Max. panel thickness (aluminum):
  3mm (Standard Speed 0.2mm/s)
- Max.cupping force: 15KN
- Power supply: 230 VAC-50 Hz (110V-60Hz option)

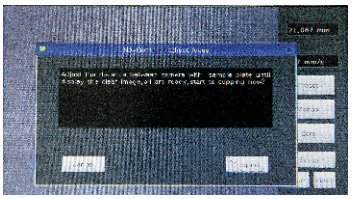
Features:

- Touch screen control technology
- Customized operation system
- Mouse directly connect with instrument
- Directly input testing parameter via screen or mouse
- Realtime display cupping process
- Realtime monitor cupping image
- Realtime show cupping speed and depth
- With video and photo
- Automatic calibration zero
- Manual and preset mode









Standard:

EN-ISO-DIN

External Camera System

BEVS 1606 Automatic Cupping Tester is upgraded with a new function that enable to connect computer for better improvement in the image resolution and clarity, taking pictures and video are available as well. There are two ways to observe the process of cupping, the one is in the cupping tester, another is in the computer.

Order Information:

BEVS 1606 Automatic Cupping Tester
BEVS 1606/P/003 External Camera System