



# Automatic Cupping Tester

Model #CA-23100

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The BEVS Automatic Cupping Tester offers advanced technology to efficiently assess the elasticity and cupping resistance of various coatings. With the integrated CCD camera, take photos or videos of the deformation process or result, and copy them to a USB stick. Use the touch screen controls, or attach a mouse to the USB port to control the instrument. Download data onto a USB stick.

Three testing modes are available: pass/fail with an adjustable preset depth; gradually increase indentation to define the minimum depth at which a coating fails; or create your own standardized test protocol to suit your company's needs, varying speed and depth as required.



### FEATURES

- Touch screen
- Mouse connection included
- Input testing parameters via touchscreen or mouse
- Realtime display of cupping process
- Realtime monitoring of cupping image
- Realtime display of cupping speed and depth with photos and video
- Automatic zero calibration
- Manual and programmable modes



### TECHNICAL SPECIFICATIONS

- Stroke length: 0-15mm, accuracy:  $\pm 0.01$ mm
- Indenter speed: 0.02-0.4mm/s, Accuracy:  $\pm 0.5$ mm
- Control: Automatic
- Camera: Color CCD
- Light source: LED
- Cupping result: Digital (resolution 0.001mm)
- Interface: USB port for use with mouse or USB stick
- 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: 110V-60Hz (230V-50 Hz also available)



Imbotec group