

UBPT-1 Universal Bottle Perpendicularity Gauge



UBPT-1 for PET Bottle



UBPT-1 for Glass Bottle

UBPT-1 Universal Bottle Perpendicularity Gauge is used to measure the perpendicularity (deviation) of bottle and it's a standard equipment for packaging and beverage industries.

It's applicable for various sizes of bottle with the special design of clamping and rotatory system. With automatic calculator, data can be sent to the calculator and read easily. The MAX, MIN, and SAD (Sum of absolute difference between "MAX" and "MIN") values will be displayed on the calculator which is very convenient for the operator.

Optional parts:


Improved position adjusting unit
for easy measurement positioning


Automatic calculator



Verification column

Technical specifications:

- Sample range: 50 - 120 mm in diameter (bigger by order)
110 - 380 mm in height (bigger by order)
- Measuring range: 0 -10 mm
- Resolution: 0.01 mm
- Digital gauge accuracy: ± 0.01 mm
- Perpendicularity repeatability: ± 0.05 mm
- Dimensions: 355 (L) x 250 (W) x 520 (H) mm
- Net weight: 20 kg

More choices for perpendicularity measurement:



UBPT-1S with integrated automatic calculator



UBPT-2 with 2 measuring heads (for mouth clearance and perpendicularity)



UBPT-3 with 3 measuring heads (for mouth clearance, perpendicularity & height) and integrated double automatic calculators