

AccuGage700/1000

2D HEIGHT GAGE



- ◆ The instrument is suitable for One-Dimensional as well as Two-Dimensional measurements
- ◆ Programming, for batch quantities measurements
- ◆ Color LCD screen
- ◆ The probe moves up and down automatically
- ◆ Low and high limits with judgement
- ◆ Built-in air compressor provides smooth movement on granite surface plate.
- ◆ With re-chargeable battery, for 10 hours working
- ◆ With manufacturer inspection certificate

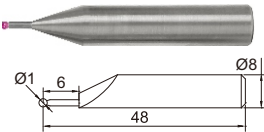


AccuGage700

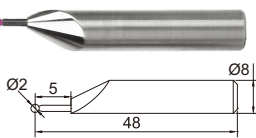
Optional Accessories

unit: mm

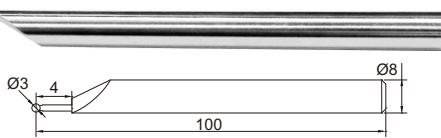
Ø1mm concentric ruby ball probe(code:R1HC)



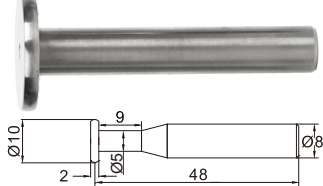
Ø2mm eccentric ruby ball probe(code:R2H)



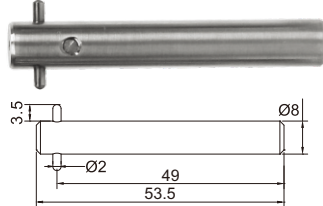
Ø3mm eccentric ruby ball probe(code:R3H100)



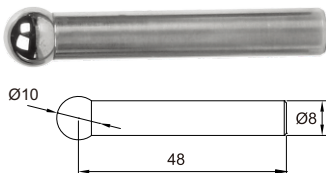
Ø10mm disc probe (code:DS10H)



Ø2mm depth probe(code:DP2H)



Ø10 carbide ball probe(code:SR10H)



Depth hole probe(code:DP80H)















Ø4mm carbide ball probe



Squareness probe
(Optional, Code:SQ10)



Basic Measurement

-  1 Contacting a plane from above
-  2 Contacting a shaft from above/bore below
-  3 Measuring a shaft diameter and center
-  4 Measuring groove width and center
-  5 Measuring MIN-MAX-DELTA
-  6 Measuring job squareness
-  7 Contacting a plane from below
-  8 Contacting a shaft from below/ bore above
-  9 Measuring bore diameter and center
-  0 Measuring ledge width and center
-  +/- Difference key
-  +/- Set references



2D Measurement

-  ♦ Measure pitch circle diameter(PCD)
-  ♦ Measure distance between two points
- ♦ Measure angles
- ♦ Preset coordinates

Programming and replay, for batch quantities measurements



Calculation

-  Calculate height difference
-  Calculate height center

SPECIFICATION

| Code | AccuGage700 | AccuGage1000 |
|-------------------------------------|--|--------------|
| Range | 0-700mm | 0-1000mm |
| Expandable range | 1015mm | 1315mm |
| Squareness | 6μm | 10μm |
| Resolutions | 0.5μm, 1μm | |
| Accuracy | 2+L/330μm, L is measuring length in mm (working temperature is 20±1°C) | |
| Repeatability (with standard probe) | 0.001 mm on plane and 0.002 mm on bore | |
| Measuring force | 1±0.2N | |
| Output | USB or RS232 | |
| Power supply | Rechargeable battery | |
| Working temperature | 10°C - 40°C | |
| Weight | 25kg | |

INCLUDED ACCESSORIES

| | |
|-------------------------|----------|
| Main unit | 1pc |
| Ø4x48mm ruby ball probe | 1pc |
| Calibration block | 1pc |
| Software and USB cable | 1pc each |
| Allen key | 1set |
| AC/DC Adapter | 1pc |

Application Demo

