



- ◆ The instrument is only suitable for One-Dimensional measurement
- ◆ 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



AccuHite700

Ø4mm carbide ball probe

Optional Accessories













unit: mm

<p>Ø2mm ruby ball probe (code: R2H)</p>
<p>Ø10mm disc probe (code: DS10H)</p>
<p>Ø2mm depth probe (code: DP2H)</p>
<p>Ø10mm carbide ball probe (code: SR10H)</p>
<p>Depth hole probe (code: DP80H)</p>

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

SPECIFICATION

Code	AccuHite700	AccuHite1000
Range	0-700mm	0-1000mm
Expandable range	1015mm	1315mm
Squareness	10µm	12µm
Resolutions	0.5µm, 1µm, 10µm	
Accuracy	3+L/250µm, L is measuring length in mm (working temperature is 20±1°C)	
Repeatability (with standard probe)	0.0015 mm on plane and 0.003 mm on bore	
Measuring force	1±0.2N	
Output	USB or RS232	
Power supply	Rechargeable battery	
Working temperature	10°C - 40°C	
Weight	21kg	

INCLUDED ACCESSORIES

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

Demo Application

