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2D PRECISION HEIGHT GAGE - QUALIGAGE™ 2D SERIES



APPLICATIONS

2D Precision Height Gage - QualiGage™ 2D Series

2D Precision Height Gage - QualiGage™ 2D Series is designed for both one-dimensional and two-dimensional measurements, featuring a color LCD screen and automatic vertical probe movement. It supports batch programming for efficient measurements and includes high and low limit indicators.

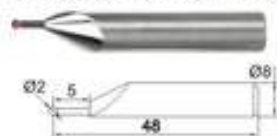
Optional Accessories

unit: mm

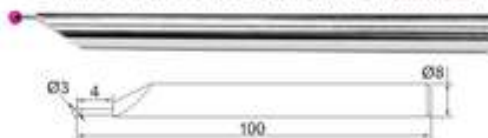
Ø1mm concentric ruby ball probe(code:R1HC)



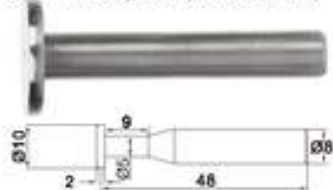
Ø2mm eccentric ruby ball probe(code:R2H)



Ø3mm eccentric ruby ball probe(code:R3H100)



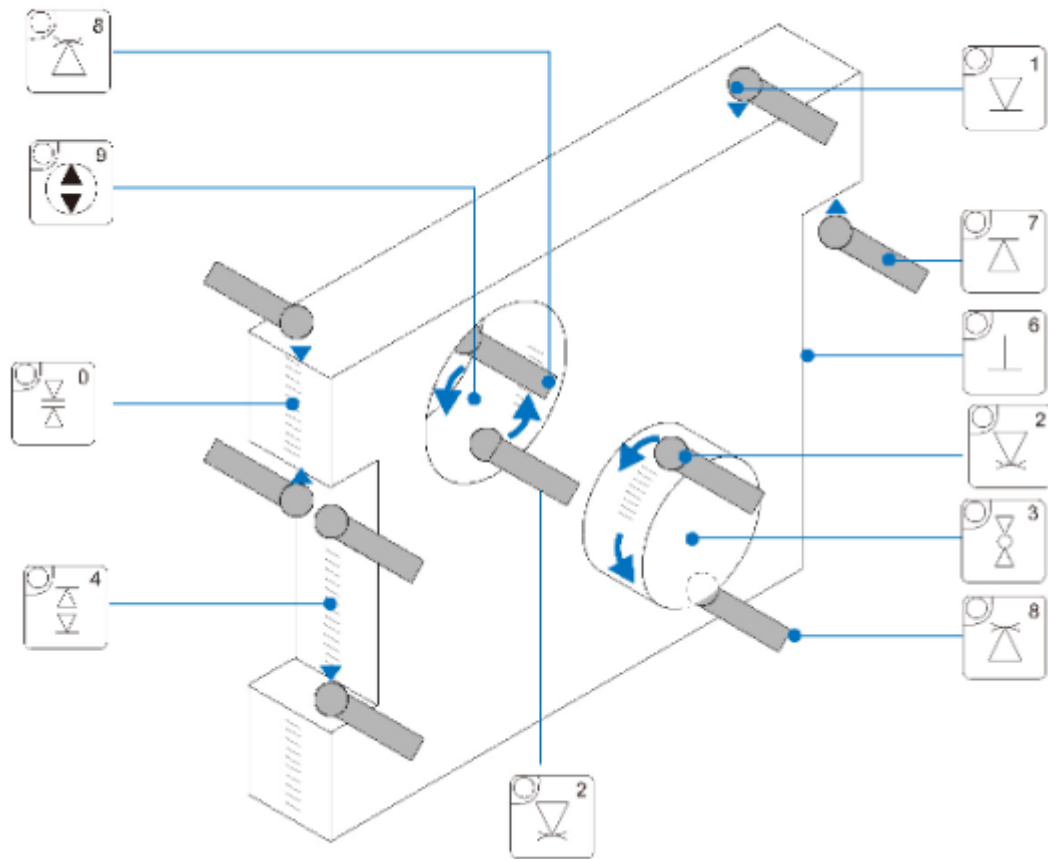
Ø10mm disc probe (code:DS10H)







Ø2mm depth probe(code:DP2H)



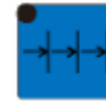
Ø4mm carbide ball probe



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

Basic Measurement



Contacting a plane from above



Contacting a shaft from above/bore below



Measuring a shaft diameter and center



Measuring groove width and center



Measuring MIN-MAX-DELTA



Measuring job squareness



Contacting a plane from below



Contacting a shaft from below/ bore above



Measuring bore diameter and center



Measuring ledge width and center



Difference key



Set references

FEATURES

2D Precision Height Gage - QualiGage™ 2D Series Features

- Suitable for both one-dimensional and two-dimensional measurements
- Supports batch measurement programming
- Features a color LCD screen
- Automatic vertical probe movement
- Displays high and low limits with status indicators
- Integrated air compressor ensures smooth operation on a granite surface plate
- Equipped with a rechargeable battery, offering up to 10 hours of use
- Supplied with a manufacturer inspection certificate

TECHNICAL SPECIFICATIONS

2D Precision Height Gage - QualiGage™ 2D Series Technical Specifications

Model	QualiGage™ 700	QualiGage™ 1000
Range	0-700mm	0-1000mm
Expandable range	1015mm	1315mm
Squareness	6µm	10µm
Resolutions	0.5µm, 1µm	

Model	QualiGage™ 700	QualiGage™ 1000
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	1 set
AC/DC Adapter	1pc



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Contact our **QualiTeam** today to find out how we can help your organization **select the most suitable testing solution** for your application, requirements, and budget.

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