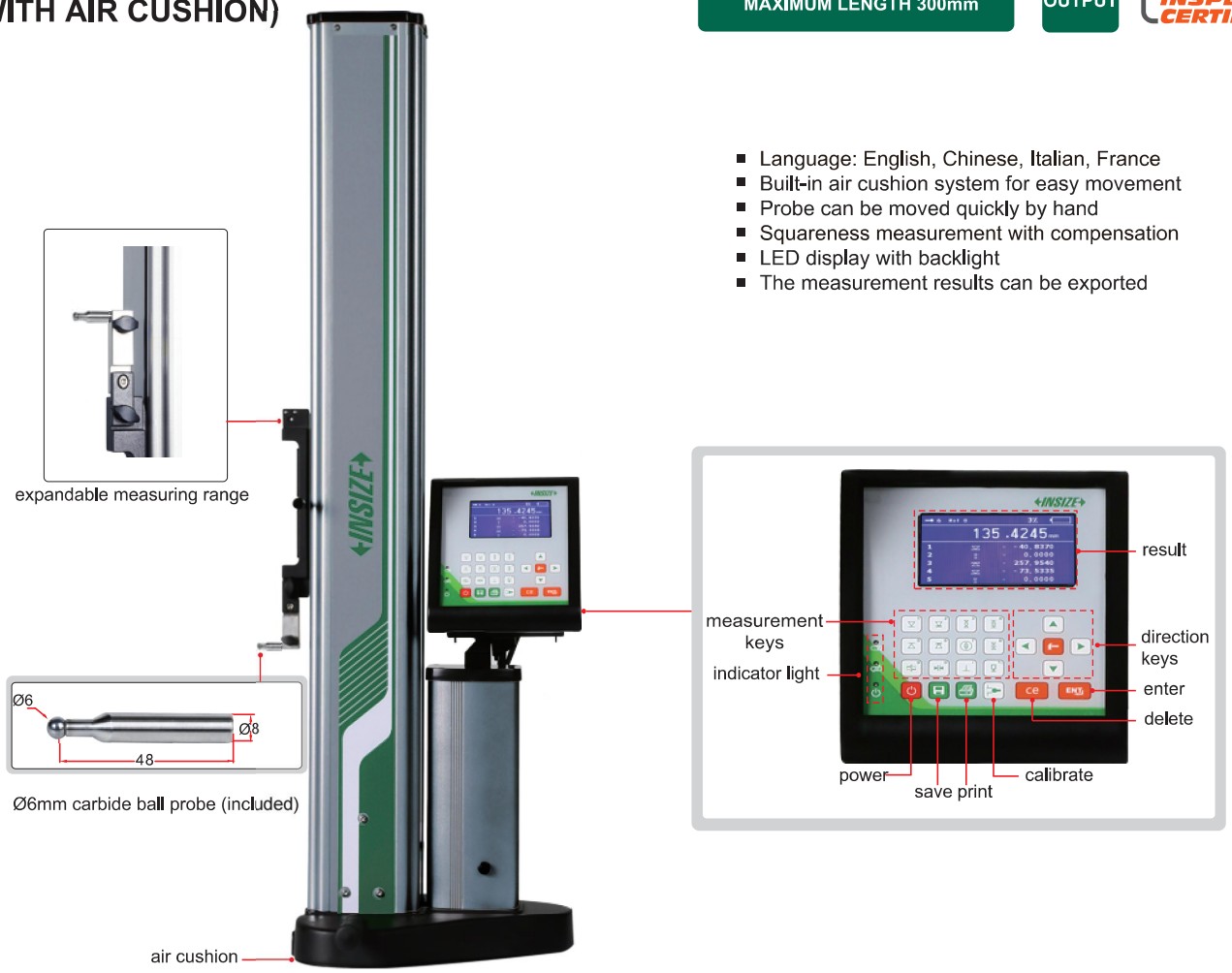
1D MOTORIZED HEIGHT GAUGES (WITH AIR CUSHION)

CUSTOM-MADE PROBES MAXIMUM LENGTH 300mm

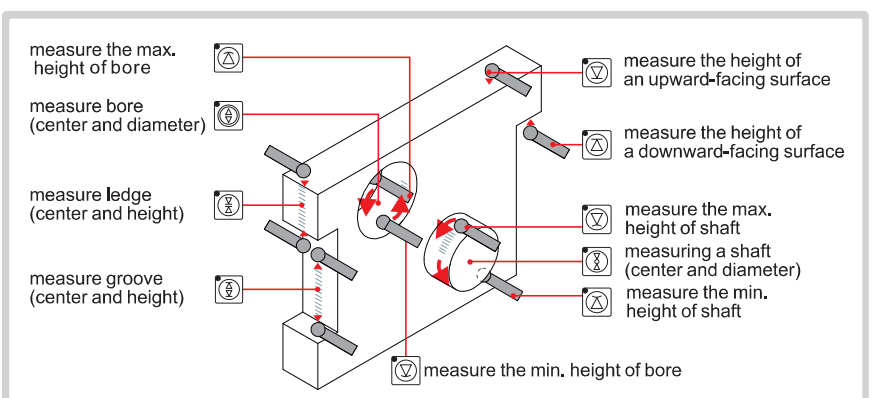
DATA OUTPUT

INSPECTION CERTIFICATE

- Language: English, Chinese, Italian, France
- Built-in air cushion system for easy movement
- Probe can be moved quickly by hand
- Squareness measurement with compensation
- LED display with backlight
- The measurement results can be exported



DHG-B701



SPECIFICATION

Code	DHG-B451	DHG-B701	DHG-B1001
Measuring range	0~450mm	0~700mm	0~1000mm
Expandable	765mm	1015mm	1315mm
Accuracy (at 20°C)	(2.5+L/250)um, L is measuring height in mm		
Squareness accuracy	6.5μm	10μm	15μm
Repeatability	on plane ≤1.5μm, on bore ≤3μm		
Resolution	0.01mm, 0.005mm, 0.001mm, 0.0005mm (selectable)		
Measuring force	1.2N±0.2N		
Power supply	rechargeable battery		
Working temperature	10°C~40°C		
Net weight	23kg	27kg	30kg

STANDARD DELIVERY

Main unit	1pc
Ø6mm carbide ball probe	1pc
Calibration block	1pc
AC/DC adapter	1pc
USB cable and software	1pc

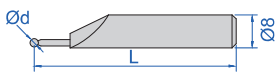
OPTIONAL ACCESSORY

Probe	The specifications are as follows

SPECIFICATION OF PROBES

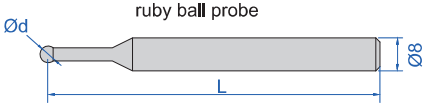
unit: mm

ruby ball probe



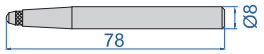
Code	Diameter(Ød)	L
DHG-M-R248E	2	48
DHG-M-R348E	3	48
DHG-M-R372E	3	72
DHG-M-R3100E	3	100
DHG-M-R548E	5	48
DHG-M-R648E	6	48

ruby ball probe



Code	Diameter(Ød)	L
DHG-M-R148C	1	48
DHG-M-R1548C	1.5	48
DHG-M-R248C	2	48
DHG-M-R348C	3	48
DHG-M-R3100C	3	100

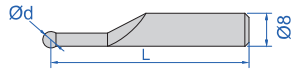
depth probe, code **DHG-M-DP**



squareness probe with holder, code **DHG-M-SQA**

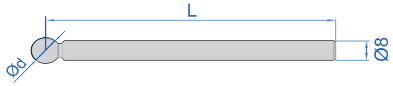


carbide ball probe



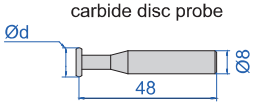
Code	Diameter(Ød)	L
DHG-M-C448E	4	48
DHG-M-C472E	4	72
DHG-M-C4100E	4	100
DHG-M-C648E	6	48

carbide ball probe



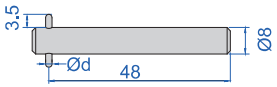
Code	Diameter(Ød)	L
DHG-M-C472C	4	72
DHG-M-C1048C	10	48
DHG-M-C10100C	10	100

carbide disc probe



Code	Diameter(Ød)	L
DHG-M-CD1048	10	48
DHG-M-CD2048	20	48

bidirectional probe



Code	Diameter(Ød)	L
DHG-M-GT0148	1	48
DHG-M-GT1548	1.5	48
DHG-M-GT0248	2	48

ball probe

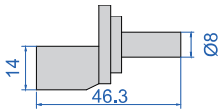


Code	Diameter (Ød)	L
DHG-M-C0622	6	225
DHG-M-C0630	6	300

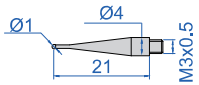
PROBE SET (CODE DHG-M-KIT)

unit: mm

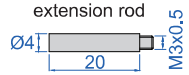
mounting base



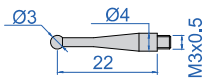
Ø1mm ruby ball probe



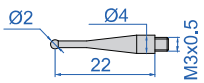
extension rod



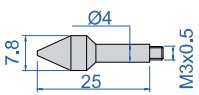
Ø3mm carbide ball probe



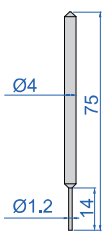
Ø2mm carbide ball probe



probe for hole



steel pin probe for deep



probe for groove

