

PROVIDE CUSTOM-MADE PROBES
MAXIMUM LENGTH 400mm

DATA
OUTPUT



software CD
(included)

**INSPECTION
CERTIFICATE**



expandable measuring range



unit: mm
Ø4mm ruby ball probe(included)



hand wheel

ISHH-V700

- measure height of top and bottom surfaces, measure width and center of grooves
- measure diameter and center of shafts
- maximum, minimum, TIR measurement
- calculate average value of two measured values
- calculate difference between two measured values

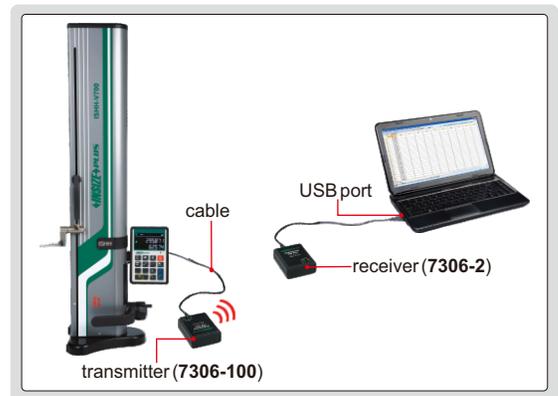
1D MANUAL HEIGHT GAUGES (WITHOUT AIR CUSHION)

INSIZE PLUS
MADE IN SWISS

- Set 9 reference points
- Installing dial indicator for squareness measurement
- Probe can be moved quickly by hand
- Touch buttons
- LED display with backlight
- Built-in rechargeable battery, 40 hours working
- Measurement results can be sent to Excel/Word, equivalent to keyboard input



- measuring result
- data transmission
- measurement
- zeroing preset
- arrow keys
- metric/inch
- set reference point



wireless data transfer system(optional)
please refer to 7306 for details

SPECIFICATION

Code	ISHH-V400	ISHH-V700
Measuring range	0~407mm	0~711mm
Expandable measuring range	508mm	812mm
Accuracy (at 20°C)	5µm	5µm
Squareness accuracy	10µm	15µm
Repeatability	2µm	
Resolution	0.1mm, 0.01mm, 0.001mm (selectable)	
Measuring force	0.75N, 1N, 1.25N, 1.5N (selectable)	
Power supply	rechargeable battery	
Working temperature	10°C~40°C	
Weight	21kg	24kg

STANDARD DELIVERY

Main unit	1pc
Ø4mm ruby ball probe	1pc
Calibration block	1pc
AC/DC adapter	1pc
USB cable and software	1pc

OPTIONAL ACCESSORY

Transmitter	7306-100
Receiver	7306-2
Probe	see details

PROVIDE CUSTOM-MADE PROBES
MAXIMUM LENGTH 400mm

DATA
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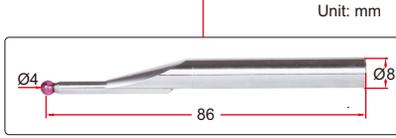


software CD
(included)

**INSPECTION
CERTIFICATE**



expandable measuring range



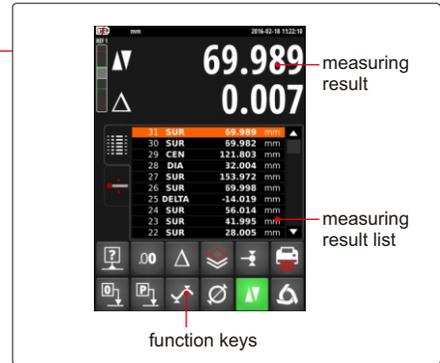
Ø4mm ruby ball probe(included)



DHG-V710

- 1D and 2D measurements
- Programmable for batch measurement
- Installing dial indicator for squareness measurement
- Probe can be moved quickly by hand
- Built-in air cushion system for easy movement
- Color touch screen, can display the graph
- Data statistics and analysis
- Built-in rechargeable battery
- Measurement results can be sent to Excel/Word, equivalent to keyboard input

color touch screen



measuring
result

measuring
result list

function keys

hand wheel

built-in air
cushion

SPECIFICATION

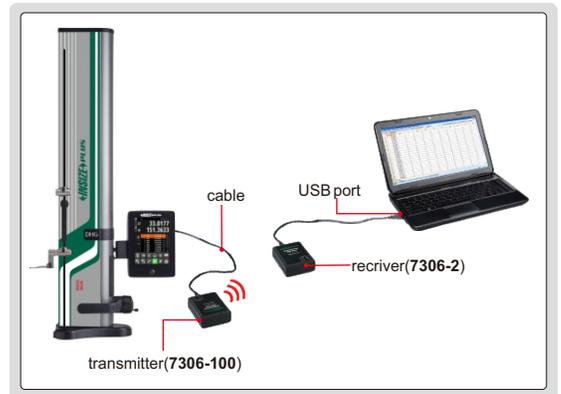
Code	DHG-V410	DHG-V710
Measuring range	0~407mm	0~711mm
Expandable measuring range	719mm	1023mm
Accuracy(at 20°C)	4.5µm	6µm
Squareness accuracy	10µm	15µm
Repeatability	2µm	
Resolution	0.1mm/0.01mm/0.001mm/0.0001mm	
Measuring force	0.75N, 1N, 1.25N, 1.5N (selectable)	
Power supply	rechargeable battery	
Working temperature	10°C~40°C	
Weight	21kg	24kg

STANDARD DELIVERY

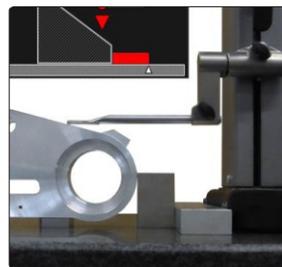
Main unit	1pc
Ø4mm ruby ball probe	1pc
Calibration block	1pc
AC/DC adapter	1pc
USB cable and software	1pc

OPTIONAL ACCESSORY

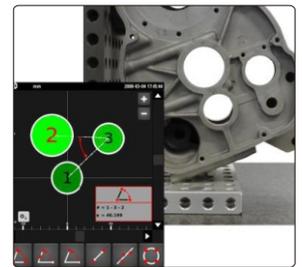
Transmitter	7306-100
Receiver	7306-2
Probe	see details



wireless data transfer system(optional)
please refer to 7306 for details



angle measurement



graphic display for direct
measurement



measure height of top and
bottom surfaces, measure
width and center of grooves



maximum, minimum, TIR
measurement



calculate difference between
two measuring results



measure diameter and
center of shafts



calculate average value of
two measuring results

PROBES FOR HEIGHT GAUGES

■ For height gauges **ISHH-V400**, **ISHH-V700**, **DHG-V410**, **DHG-V710**

unit: mm

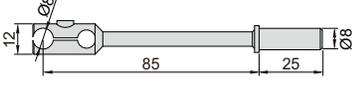
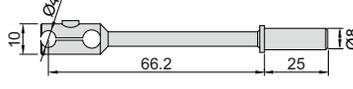
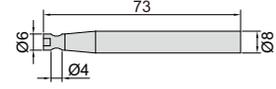
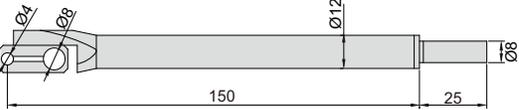
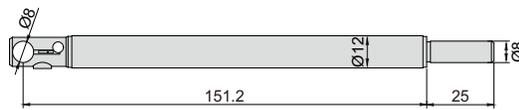
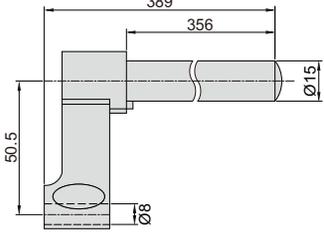
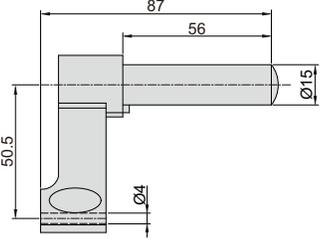
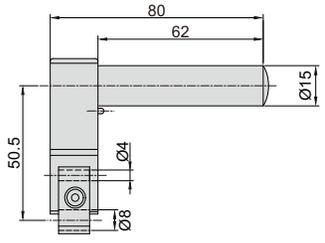
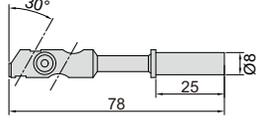
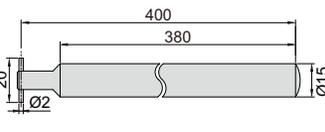
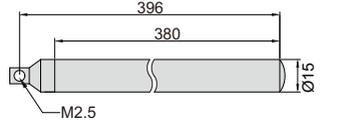
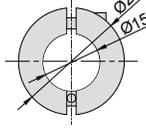
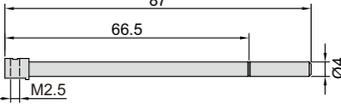
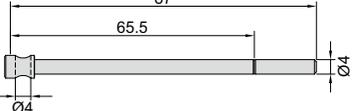
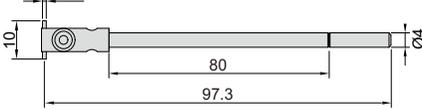
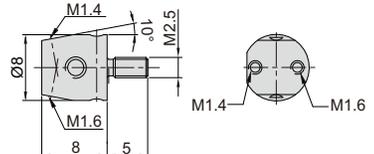
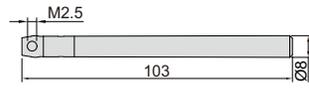
<p>probe, code ISHH-V-OT1</p> <p>measure M3-M16 screw hole</p>	<p>probe, code ISHH-V-OT2</p> <p>measure M6-M48 screw hole</p>	<p>probe, code ISHH-V-OT3</p>																											
<p>carbide ball probe</p> <table border="1"> <thead> <tr> <th>Code</th> <th>Probe diameter(Ød)</th> <th>L</th> </tr> </thead> <tbody> <tr> <td>ISHH-V-C1</td> <td>1</td> <td>75</td> </tr> <tr> <td>ISHH-V-C2A</td> <td>2</td> <td>80</td> </tr> <tr> <td>ISHH-V-C2B</td> <td>2</td> <td>130</td> </tr> <tr> <td>ISHH-V-C4A</td> <td>4</td> <td>90</td> </tr> <tr> <td>ISHH-V-C4B</td> <td>4</td> <td>140</td> </tr> </tbody> </table>	Code	Probe diameter(Ød)	L	ISHH-V-C1	1	75	ISHH-V-C2A	2	80	ISHH-V-C2B	2	130	ISHH-V-C4A	4	90	ISHH-V-C4B	4	140	<p>ruby ball probe</p> <table border="1"> <thead> <tr> <th>Code</th> <th>Probe diameter(Ød)</th> <th>L</th> </tr> </thead> <tbody> <tr> <td>ISHH-V-R4</td> <td>4</td> <td>90</td> </tr> <tr> <td>ISHH-V-R5B</td> <td>5</td> <td>129</td> </tr> </tbody> </table>	Code	Probe diameter(Ød)	L	ISHH-V-R4	4	90	ISHH-V-R5B	5	129	<p>Ø10mm ruby ball probe, code ISHH-V-R10</p> <p>Ø1.5mm pin probe, code ISHH-V-P1</p>
Code	Probe diameter(Ød)	L																											
ISHH-V-C1	1	75																											
ISHH-V-C2A	2	80																											
ISHH-V-C2B	2	130																											
ISHH-V-C4A	4	90																											
ISHH-V-C4B	4	140																											
Code	Probe diameter(Ød)	L																											
ISHH-V-R4	4	90																											
ISHH-V-R5B	5	129																											
<p>10×10mm flat probe, code ISHH-V-PF10</p>	<p>Ø2mm pin depth probe, code ISHH-V-HOLDER8</p>	<p>Ø8mm probe positioning holder, code ISHH-V-HOLDER1</p>																											
<p>Ø1mm ball probe, code ISHH-V-B1</p>	<p>Ø2mm ruby ball probe, code ISHH-V-R2A</p>	<p>Ø3mm ruby ball probe, code ISHH-V-R3A</p>																											
<p>knife-edge probe, code ISHH-V-KNIFE</p>	<p>probe, code ISHH-V-OT4</p>	<p>Ø4mm spheric probe, code ISHH-V-PIN</p>																											
<p>ball probe</p> <table border="1"> <thead> <tr> <th>Code</th> <th>Probe diameter(Ød)</th> </tr> </thead> <tbody> <tr> <td>ISHH-V-IT1</td> <td>1</td> </tr> <tr> <td>ISHH-V-IT2</td> <td>2</td> </tr> <tr> <td>ISHH-V-IT3</td> <td>3</td> </tr> </tbody> </table>	Code	Probe diameter(Ød)	ISHH-V-IT1	1	ISHH-V-IT2	2	ISHH-V-IT3	3	<p>Ø2mm spheric probe, code ISHH-V-S2</p>	<p>pin probe, code ISHH-V-P2</p> <p>include 4 replaceable pin, L=16/26/36/46mm</p>																			
Code	Probe diameter(Ød)																												
ISHH-V-IT1	1																												
ISHH-V-IT2	2																												
ISHH-V-IT3	3																												
<p>disc probe</p> <table border="1"> <thead> <tr> <th>Code</th> <th>Probe diameter(Ød)</th> </tr> </thead> <tbody> <tr> <td>ISHH-V-D7</td> <td>7.7</td> </tr> <tr> <td>ISHH-V-D11</td> <td>11.5</td> </tr> <tr> <td>ISHH-V-D18</td> <td>18</td> </tr> <tr> <td>ISHH-V-DS3</td> <td>above three probe included</td> </tr> </tbody> </table>	Code	Probe diameter(Ød)	ISHH-V-D7	7.7	ISHH-V-D11	11.5	ISHH-V-D18	18	ISHH-V-DS3	above three probe included	<p>probe, code ISHH-V-VC1</p>	<p>ruby ball probe, code ISHH-V-VR3</p>																	
Code	Probe diameter(Ød)																												
ISHH-V-D7	7.7																												
ISHH-V-D11	11.5																												
ISHH-V-D18	18																												
ISHH-V-DS3	above three probe included																												

To be continued

Continued from previous page

- For height gauges **ISHH-V400**, **ISHH-V700**, **DHG-V410**, **DHG-V710**

unit: mm

<p>90° probe holder, code ISHH-V-HOLDER6</p>  <p>for probes with stem $\varnothing 8\text{mm}$</p>	<p>90° probe holder, code ISHH-V-HOLDER18</p>  <p>for probes with stem $\varnothing 4\text{mm}$</p>	<p>90° probe holder, code ISHH-V-HOLDER19</p>  <p>for probes with stem $\varnothing 4\text{mm}$</p>								
<p>swivel probe holder, code ISHH-V-HOLDER4</p>  <p>for probes with stem $\varnothing 4\text{mm}$ and $\varnothing 8\text{mm}$</p>		<p>90° probe holder, code ISHH-V-HOLDER7</p>  <p>for probes with stem $\varnothing 8\text{mm}$</p>								
<p>probe holder, code ISHH-V-HOLDER21</p>  <p>for probes with stem $\varnothing 8\text{mm}$</p>	<p>probe holder, code ISHH-V-HOLDER20</p>  <p>for probes with stem $\varnothing 4\text{mm}$</p>	<p>swivel probe holder, code ISHH-V-HOLDER10</p>  <p>for probes with stem $\varnothing 4\text{mm}$ and $\varnothing 8\text{mm}$</p>								
<p>30° probe holder, code ISHH-V-HOLDER29</p>  <p>for probes with stem $\varnothing 4\text{mm}$</p>	<p>90° probe holder code ISHH-V-HOLDER22</p>  <p>for probes with stem $\varnothing 4\text{mm}$</p>	<p>swivel probe holder code ISHH-V-HOLDER11</p>  <p>for probes with stem $\varnothing 4\text{mm}$ and $\varnothing 8\text{mm}$</p>								
<p>$\varnothing 2\text{mm}$ pin depth probe code ISHH-V-HOLDER12</p> 	<p>M2.5 screw hole probe 90° holder code ISHH-V-HOLDER13</p>  <p>for probe with screw stem M2.5</p>	<p>$\varnothing 15\text{mm}$ probe positioning holder code ISHH-V-HOLDER14</p> 								
<p>screw probe holder</p>  <table border="1" data-bbox="194 1603 535 1725"> <thead> <tr> <th>Code</th> <th>Probe length(L)</th> </tr> </thead> <tbody> <tr> <td>ISHH-V-HOLDER23</td> <td>80</td> </tr> <tr> <td>ISHH-V-HOLDER24</td> <td>124</td> </tr> <tr> <td>ISHH-V-HOLDER25</td> <td>200</td> </tr> </tbody> </table> <p>for probe with screw stem M2.5</p>	Code	Probe length(L)	ISHH-V-HOLDER23	80	ISHH-V-HOLDER24	124	ISHH-V-HOLDER25	200	<p>screw probe 90° holder code ISHH-V-HOLDER26</p>  <p>for probe with screw stem M2.5</p>	<p>90° probe holder code ISHH-V-HOLDER27</p>  <p>for probes with stem $\varnothing 4\text{mm}$</p>
Code	Probe length(L)									
ISHH-V-HOLDER23	80									
ISHH-V-HOLDER24	124									
ISHH-V-HOLDER25	200									
<p>$\varnothing 1\text{mm}$ pin depth probe code ISHH-V-HOLDER28</p> 	<p>screw probe holder code ISHH-V-HOLDER15</p>  <p>for probe with screw stem M1.4, M1.6, M2.5</p>	<p>screw probe holder code ISHH-V-HOLDER2</p>  <p>for probe with screw stem M2.5</p>								