

PROVIDE CUSTOM-MADE PROBES  
MAXIMUM LENGTH 400mm

DATA  
OUTPUT

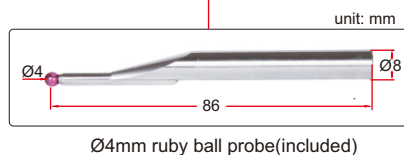


software CD  
(included)

INSPECTION  
CERTIFICATE



expandable measuring range



Ø4mm ruby ball probe(included)



ISHH-V700



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



maximum, minimum, TIR measurement



calculate difference between two  
measured values



measure diameter and  
center of shafts



calculate average value of  
two measured values

- 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

## 1D MANUAL HEIGHT GAUGES (WITHOUT AIR CUSHION)

INSIZE PLUS  
MADE IN SWISS



set reference point

metric/inch

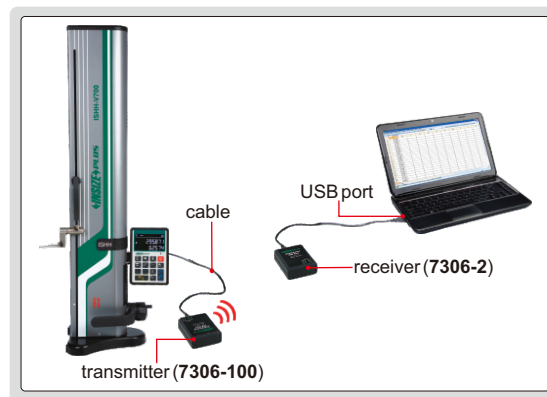
arrow keys

measuring  
result

data  
transmission

measurement

zeroing preset



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

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DATA  
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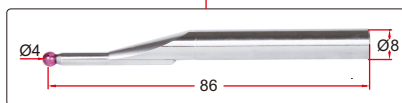
software CD  
(included)

INSPECTION  
CERTIFICATE



expandable measuring range

Unit: mm



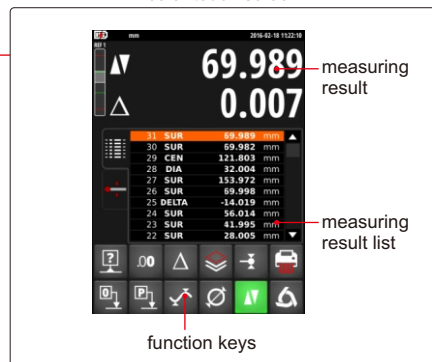
Ø4mm ruby ball probe(included)



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

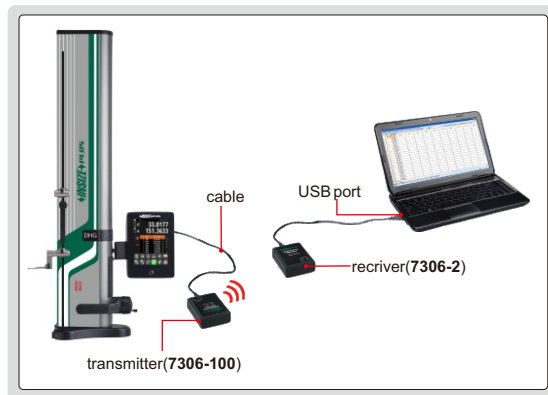
Code	DHG-V410	DHG-V710
Measuring range	0~407mm	0~711mm
Expandable measuring range	719mm	1023mm
Accuracy(at 20°C)	4.5µm	6µm
Squareness accuracy	10µm	15µm
Repeatability	2µm	
Resolution	0.1mm/0.01mm/0.001mm/0.0001mm	
Measuring force	0.75N, 1N, 1.25N, 1.5N (selectable)	
Power supply	rechargeable battery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

## STANDARD DELIVERY

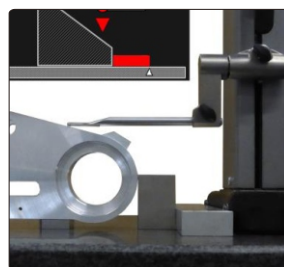
Main unit	1pc
Ø4mm ruby ball probe	1pc
Calibration block	1pc
AC/DC adapter	1pc
USB cable and software	1pc

## OPTIONAL ACCESSORY

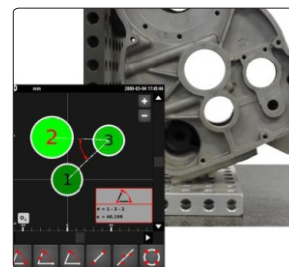
Transmitter	7306-100
Receiver	7306-2
Probe	see details



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

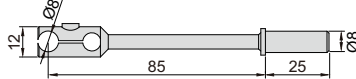
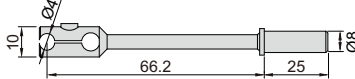
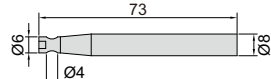
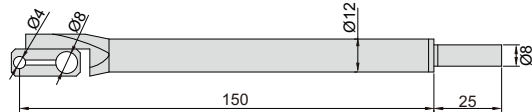
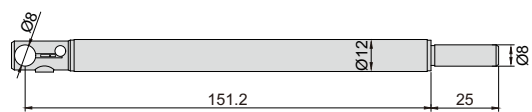
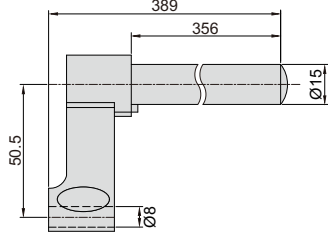
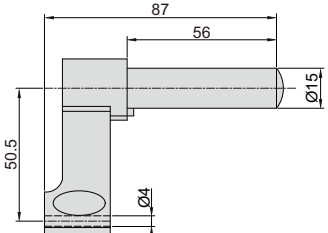
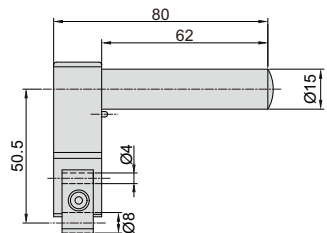
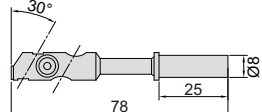


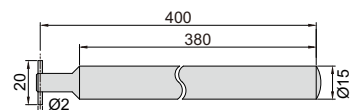
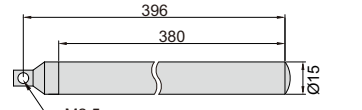
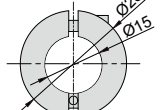
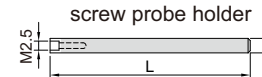
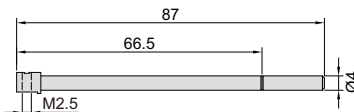
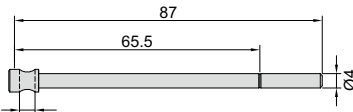
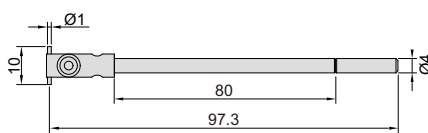
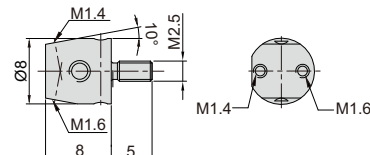
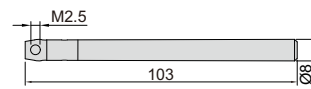
<p>probe, code <b>ISHH-V-OT1</b></p> <p>measure M3-M16 screw hole</p>	<p>probe, code <b>ISHH-V-OT2</b></p> <p>measure M6-M48 screw hole</p>	<p>probe, code <b>ISHH-V-OT3</b></p> <p>measure M6-M48 screw hole</p>																											
<p>carbide ball probe</p> <table><tr><th>Code</th><th>Probe diameter(Ød)</th><th>L</th></tr><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></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><tr><th>Code</th><th>Probe diameter(Ød)</th><th>L</th></tr><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></table>	Code	Probe diameter(Ød)	L	ISHH-V-R4	4	90	ISHH-V-R5B	5	129	
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ISHH-V-R5B	5	129																											
<p>10×10mm flat probe, code <b>ISHH-V-PF10</b></p>	<p>Ø10mm ruby ball probe, code <b>ISHH-V-R10</b></p>	<p>Ø1.5mm pin probe, code <b>ISHH-V-P1</b></p>																											
<p>Ø1mm ball probe, code <b>ISHH-V-B1</b></p>	<p>Ø2mm pin depth probe, code <b>ISHH-V-HOLDER8</b></p>	<p>Ø8mm probe positioning holder, code <b>ISHH-V-HOLDER1</b></p>																											
<p>Ø1mm ball probe, code <b>ISHH-V-B1</b></p>	<p>Ø2mm ruby ball probe, code <b>ISHH-V-R2A</b></p>	<p>Ø3mm ruby ball probe, code <b>ISHH-V-R3A</b></p>																											
<p>knife-edge probe, code <b>ISHH-V-KNIFE</b></p>	<p>probe, code <b>ISHH-V-OT4</b></p>	<p>Ø4mm spheric probe, code <b>ISHH-V-PIN</b></p>																											
<p>ball probe</p> <table><tr><th>Code</th><th>Probe diameter(Ød)</th></tr><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></table>	Code	Probe diameter(Ød)	ISHH-V-IT1	1	ISHH-V-IT2	2	ISHH-V-IT3	3	<p>Ø2mm spheric probe, code <b>ISHH-V-S2</b></p>	<p>pin probe, code <b>ISHH-V-P2</b></p> <p>include 4 replaceable pin, L=16/26/36/46mm</p>																			
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ISHH-V-IT1	1																												
ISHH-V-IT2	2																												
ISHH-V-IT3	3																												
<p>disc probe</p> <table><tr><th>Code</th><th>Probe diameter(Ød)</th></tr><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></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 <b>ISHH-V-VC1</b></p>	<p>ruby ball probe, code <b>ISHH-V-VR3</b></p>																	
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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 <b>ISHH-V-HOLDER6</b></p>  <p>for probes with stem Ø8mm</p>	<p>90° probe holder, code <b>ISHH-V-HOLDER18</b></p>  <p>for probes with stem Ø4mm</p>	<p>90° probe holder, code <b>ISHH-V-HOLDER19</b></p>  <p>for probes with stem Ø4mm</p>								
<p>swivel probe holder, code <b>ISHH-V-HOLDER4</b></p>  <p>for probes with stem Ø4mm and Ø8mm</p>		<p>90° probe holder, code <b>ISHH-V-HOLDER7</b></p>  <p>for probes with stem Ø8mm</p>								
<p>probe holder, code <b>ISHH-V-HOLDER21</b></p>  <p>for probes with stem Ø8mm</p>	<p>probe holder, code <b>ISHH-V-HOLDER20</b></p>  <p>for probes with stem Ø4mm</p>	<p>swivel probe holder, code <b>ISHH-V-HOLDER10</b></p>  <p>for probes with stem Ø4mm and Ø8mm</p>								
<p>30° probe holder, code <b>ISHH-V-HOLDER29</b></p>  <p>for probes with stem Ø4mm</p>	<p>90° probe holder code <b>ISHH-V-HOLDER22</b></p>  <p>for probes with stem Ø4mm</p>	<p>swivel probe holder code <b>ISHH-V-HOLDER11</b></p>  <p>for probes with stem Ø4mm and Ø8mm</p>								
<p>Ø2mm pin depth probe code <b>ISHH-V-HOLDER12</b></p> 	<p>M2.5 screw hole probe 90° holder code <b>ISHH-V-HOLDER13</b></p>  <p>for probe with screw stem M2.5</p>	<p>Ø15mm probe positioning holder code <b>ISHH-V-HOLDER14</b></p> 								
<p>screw probe holder</p>  <table><thead><tr><th>Code</th><th>Probe length(L)</th></tr></thead><tbody><tr><td><b>ISHH-V-HOLDER23</b></td><td>80</td></tr><tr><td><b>ISHH-V-HOLDER24</b></td><td>124</td></tr><tr><td><b>ISHH-V-HOLDER25</b></td><td>200</td></tr></tbody></table> <p>for probe with screw stem M2.5</p>	Code	Probe length(L)	<b>ISHH-V-HOLDER23</b>	80	<b>ISHH-V-HOLDER24</b>	124	<b>ISHH-V-HOLDER25</b>	200	<p>screw probe 90° holder code <b>ISHH-V-HOLDER26</b></p>  <p>for probe with screw stem M2.5</p>	<p>90° probe holder code <b>ISHH-V-HOLDER27</b></p>  <p>for probes with stem Ø4mm</p>
Code	Probe length(L)									
<b>ISHH-V-HOLDER23</b>	80									
<b>ISHH-V-HOLDER24</b>	124									
<b>ISHH-V-HOLDER25</b>	200									
<p>Ø1mm pin depth probe code <b>ISHH-V-HOLDER28</b></p> 	<p>screw probe holder code <b>ISHH-V-HOLDER15</b></p>  <p>for probe with screw stem M1.4, M1.6, M2.5</p>	<p>screw probe holder code <b>ISHH-V-HOLDER2</b></p>  <p>for probe with screw stem M2.5</p>								