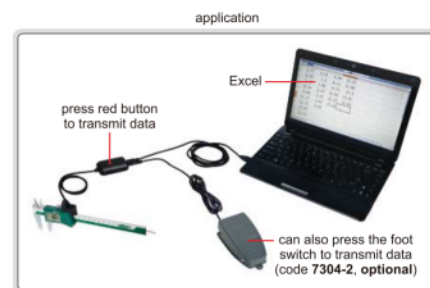


## DATA OUTPUT CABLES (KEYBOARD FORMAT)



7302-40M

- Recognized as HID keyboard device by computer, no need to install drivers and softwares
- Data can be transmitted to Excel, Word, txt and other files (press transmit button, which is recognized by the computer as keyboard input data and press enter, such as 12.34 ✓)
- Suitable for any softwares which can receive keyboard signal
- Optional accessory: foot switch (code: 7304-2), hub (code: 7324-HUB4, 7324-HUB7) extension cables (code: 7325-ADD5, 7325-ADD10)



Code	Description	Plug to product	Plug to computer	Applicable products
7302-21	cable for digital calipers (length 3m)			<p>digital calipers and digital depth gages</p>
7302-22	cable for large digital calipers (length 2.5m)			<p>large digital calipers (range ≤1000mm) and digital height gages</p>
7302-30	cable for digital micrometers (length 2.5m)			<p>digital micrometers</p>
7302-40M*	cable for digital indicators (length 2.5m)			<p>digital indicators</p>
7302-50M	cable for digital gages (length 2.5m)			<p>digital thickness gages and digital internal/external caliper gages</p>
7302-60	cable for high precision digital indicators (length 2.5m)			<p>2140-6 and 2133 series high precision digital indicators</p>

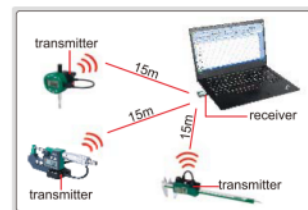
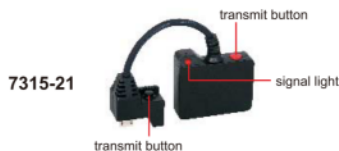
\*Long press transmit button to zero the digital indicators



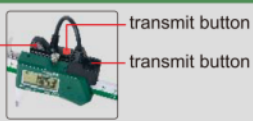


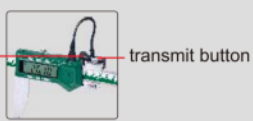





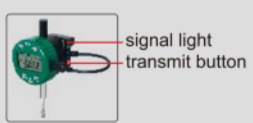



## WIRELESS DATA TRANSMISSION SYSTEM

- Through wireless transmission, the measurement data can be transmitted to computers or mobile phones
- Wireless zigbee protocol, conforming to IEEE802, 2.4GHz band
- Transmission distance is 15 meter (Under the condition of no obstruction and no electromagnetic interference. The transmission distance of built-in wireless measuring tools can be found in their respective introduction.)

### Transmitter



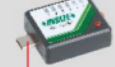


- Connecting to digital measuring tools such as calipers, micrometers and indicators
- Press the transmit button to send data
- CR2032 battery



Code	Description	Plug to product	Remark
7315-21	transmitter for digital calipers	 transmit button	 digital calipers and digital depth gages 
7315-22	transmitter for large digital calipers		 large digital calipers (range≤1000mm) and digital height gages 
7315-30	transmitter for digital micrometers		 digital micrometers 
7315-50M	transmitter for digital indicators		 digital indicators, digital thickness gages and digital internal/external caliper gages 
7315-60	transmitter for high precision digital indicators		 2140-6 and 2133 series high precision digital indicators 

### Receiver (keyboard signal)

- For computers and mobile phones with windows, android and ios systems
- Recognized as HID keyboard device, press transmit button of transmitter, which is recognized by computers or mobile phones as keyboard input data and press enter, such as 12.34√.
- No need to install drivers and softwares
- Data can be transmitted to excel, word, txt etc.
- Suitable for any softwares which can receive keyboard signal

Code	Product	Description	Remark
7315-3	 USB port	single channel receiver	connected with 1 transmitter only
7315-6	 USB port	multichannel receiver	connected with 6 transmitter, each channel has a transmitter status indicator
7315-7	 type-C port		
7315-8	 micro USB port		
7315-9	 lightning port		

To be continued

Continued from previous page

### Receiver (text format, virtual com port)

- Suitable for computers with windows system
- Text format virtual com port, converted to keyboard format with supplied software
- Supplied with EXCEL directional input software (please refer to the next page for details)
- Measurement data can be transmitted to excel, word, txt etc. and any software which receives keyboard signal

Code	Product	Description	Remark
7315-2		multichannel receiver	connected with maximum 16 transmitters, each of them has unique identification code

### EXCEL directional input software

- Included in **7315-2** receiver
- The measurement data of multiple measuring tools can be transmitted to the designated area of excel, which facilitates data management and improves efficiency

Excel directional input software (included in 7315-2), application example 1

Set the display area of caliper at B4-B9, the readings of caliper are displayed at B4, B5... B9. Set the display area of micrometer at C4-C9, the readings of micrometer are displayed at C4, C5... C9. Set the display area of height gage at D4-D9, the readings of height gage are displayed at D4, D5... D9.

Project	Length	Width	Height
Dimension and Tolerance	50±0.05	24±0.01	10±0.05-0.06
Measuring tool	Caliper	Micrometer	Height gage
1	50.02	24.004	9.98
2	50.01	24.010	10.01
3	49.99	23.990	10.02
4	50.00	23.996	9.99
5	50.04	24.000	10.01
6	50.00	24.000	10.01

serial of workpieces      the next data display area is indicated in green

Excel directional input software (included in 7315-2), application example 2

Set the display area of micrometer at B4-C9, data input is from the left to the right, the readings of micrometer are displayed at B4, C4, B5, C5... B9, C9. Set the display area of caliper at D4-D9, the readings of caliper are displayed at D4, D5... D9. Set the display area of depth gage at E4-E9, the readings of depth gage are displayed at E4, E5... E9.

Project	External diameter1	External diameter2	Length	Depth
Dimension and Tolerance	Φ21±0.01-0.02	Φ21±0.01-0.02	50±0.04	26±0.05
Measuring tool	Micrometer	Micrometer	Caliper	Depth gage
1	21.010	21.008	49.99	26.01
2	21.010	21.000	49.98	27.00
3	22.999	21.000	50	26
4	21.007	20.996	50	26
5	21.000	20.985	50.01	26.01
6	21.000	21.000	50.01	26.01

serial of workpieces      the next data display area is indicated in green

### FOOT SWITCH

- For data transmission

Code	Description	Applicable products
7304-2	data transmission foot switch with cable (length 2m)	7302 series data cables 7305 series data cables



7304-2

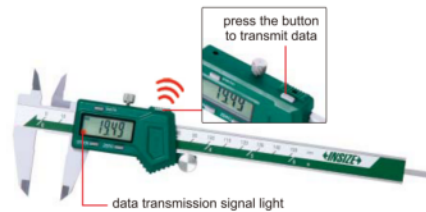
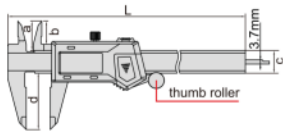
application



press the foot switch to transmit data (code 7304-2, optional)

### WIRELESS DIGITAL CALIPERS

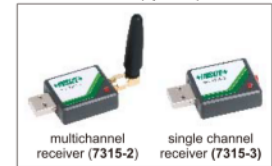
ATTENTION: THE WORKING LIFE OF A BATTERY IS ABOUT 3-5 MONTHS



1113-150

- Built-in wireless data transmission module, Zigbee signal
- Transmission distance is 10 meter (under the condition of no obstruction and no electromagnetic interference)
- Resolution: 0.01mm/0.0005"
- Buttons: on/off, zero, mm/inch, data transmission
- Automatic power off, move the digital unit to turn on power
- Battery CR2032
- Made of stainless steel
- Optional accessory: receiver (code 7315-2/3/6/7/8/9)

receiver (optional)



Code	Range	Accuracy	Thumb roller	L	a	b	c	d
1113-150*	0-150mm/0-6"	±0.03mm	with	236	21	16	16	40
1113-200*	0-200mm/0-8"	±0.03mm	with	286	24	19	16	50
1113-300*	0-300mm/0-12"	±0.03mm	with	400	25	20.5	16	60
1113-150W*	0-150mm/0-6"	±0.03mm	without	236	21	16	16	40
1113-200W*	0-200mm/0-8"	±0.03mm	without	286	24	19	16	50
1113-300W*	0-300mm/0-12"	±0.03mm	without	400	25	20.5	16	60

\*Supplied with manufacturer inspection certificate

application

