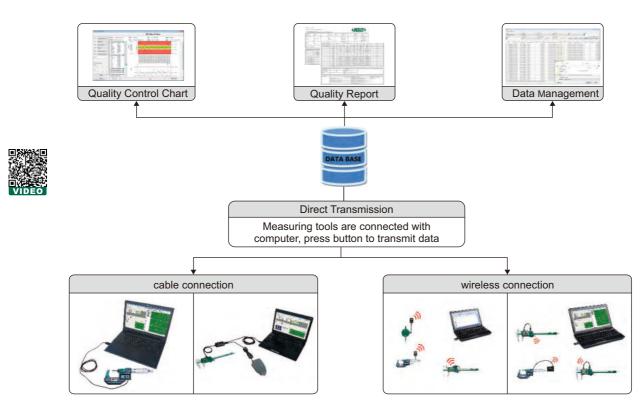
MEASURING DATA MANAGEMENT SOFTWARE CODE 7316-10



Direct Transmission

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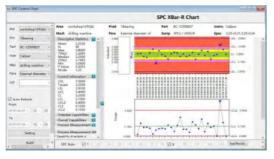
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Transmit data through cables or wireless systems



Quality Control Chart

 Analyze the tendency of data, make production adjustment in advance



Data Management

Measuring data are stored in database

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Quality Report

Generate different EXCEL report formats according to requirements



WIRELESS DATA TRANSMISSION SYSTEM

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Receiver (keyboard signal)

- For computers and mobile phones with windows and android 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		
7315-7	Type-C port	multichannel receiver	Connected with 6 transmitter, each channel has a transmitter status indicator
7315-8	Micro USB port		

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	antenna USB port	multichannel receiver	Connected with maximum 16 transmitters, each of them has unique identification code

To be continued

Continued from previous page

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

	A	8	c	D
1	Project	Length	Width	Height
2	Dimension and Tolerance	50±0.05	24±0.01	10+0.05/-0.06
3	Measuring tool	Caliper	Micrometer	Height gage
4	1	50.02	24.004	9.98
5	2	50.01	24.010	10.01
6	3	49.99	23.990	10.02
7	4	50.00	23.996	9.99
8	5	50.04	24.000	10.01
	6	Channel 1	Channel 2	Channel 3

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

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.

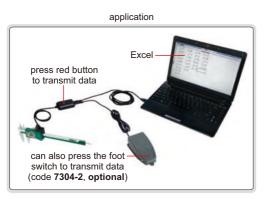
	A	B	c	D	E
1	Project	External diameter1	External diameter2	Length	Depth
2	Dimension and Tolerance	Ф23+0.01/-0.02	Ф21+0.01/-0.02	50±0.04	28±0.05
	Measuring tool	Micrometer	Micrometer	Caliper	Depth gage
4	1	23.010 -	21.008	49.98	28.01
5	2	23.010	21.000	49.98	27.98
6	3	22.999	21.000	50	28
7	4	23.007	20.998	50	28
8	5	23.000	20.985	50.01	28,01
9	6	23.008	Channel 1	Channel 2	Channel 3
3	Serial of workpieces			e next data di is indicated i	

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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)	transmit button		digital calipers and digital depth gages
7302-22	cable for large digital calipers (length 2.5m)	-11		the second seco
7302-30	cable for digital micrometers (length 2.5m)			digital micrometers
7302-40M	cable for digital indicators (length 2.5m)			digital indicators
7302-50M	cable for digital gages (length 2.5m)	-11		digital thickness gages and digital internal/external caliper gages
7302-60	cable for high precision digital indicators (length 2.5m)			2140-6 and 2133 series high precision digital indicators 3350 series high precision digital micrometers/snap gages

DATA OUTPUT CABLES (TEXT FORMAT, VIRTUAL COM PORT)

UKYTE



Single transmission (can be switched to continuous transmission)

Code	Description	Plug to product	Plug to computer	Applicable products	
7305-21	cable for – digital calipers			EY2	
7305-R21	(length 3m)	transmit button		digital calipers and digital depth gages	
7305-22	cable for large – digital calipers			E 2638	
7305-R22	(length 2.5m)			large digital calipers (range ≤1000mm) and digital height gages	
7305-30	cable for digital				
7305-R30	(length 2.5m)			digital micrometers	
7305-50M	cable for – digital gages				
7305-R50M	(length 2.5m)			digital thickness gages and digital internal/external caliper gages	

To be continued



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Continuous transmission (can be switched to single transmission)

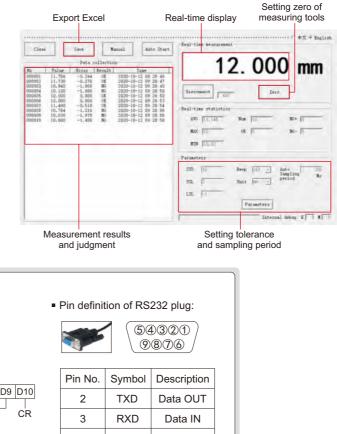


*Long press transmission button or foot switch to zero the digital indicators

*Supplied with software

Software (included in 7305-40M and 7305-R40M)

- Real-time display
- Tolerance setting, automatic judgment, out-of-tolerance alarm
- Real time statistics: max, min, average, Go/No-Go number
- Data transmission: single transmission with button on cable/foot switch, single transmission operated on computer,
- continuous transmission operated on computer Can save results as EXCEL



Communication protocol Baud: 9600bps Data bit: 8 Stop bit 1 Check bit: None No flow control Data output format D1 D2 D3 D4 D5 D6 D7 D8 D9 D10 +or-Data section (floating point) Data format example +5V Power 4 VDD Display Output 1.234 → +0001.234 ✓ -1.234 → -0001.234 ✓ 5 GND Ground

EXTENSION CABLES





Code	Description	Applicable products
7325-ADD5	Data extension cable (length 5m, USB plug)	7302 series data cables
7325-ADD10	Data extension cable (length 10m, USB plug)	7305 series data cables (USB plug)



Suitable for USB plug data cable

7324-HUB4 4-channel hub (length 0.2m, USB computer plug) 7302 series data cables	
7324-11004 4-channel hub (length 0.2m, 000 computer plug) 7302 series data capies	
7324-HUB7 7-channel hub (length 1m, USB computer plug) 7305 series data cables (USB p	plug)

FOOT SWITCH

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HUBS

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BLUETOOTH RECEIVER

