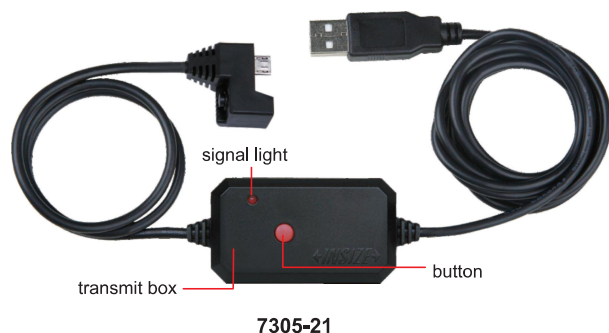


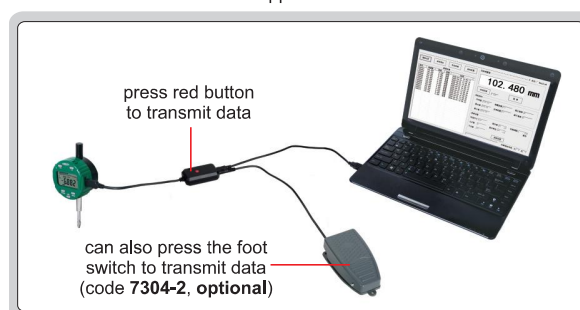
DATA OUTPUT CABLES (TEXT FORMAT, VIRTUAL COM PORT)



1) Data output cables with transmit box



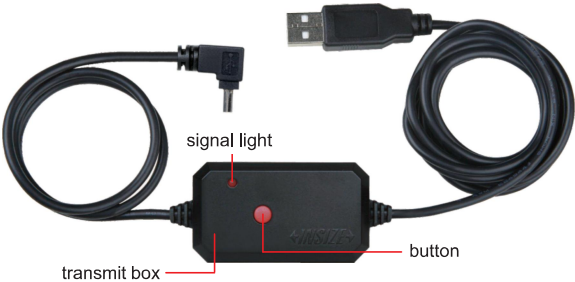
application



Single transmit (can be switched to continuous transmit)

Code	Description	Plug to measuring tool	Plug to computer	Connecting with measuring tool	Transmit data
7305-21	cable for digital calipers (length 3m)				- Press the button on the plug of cable, can also press the button of the transmit box, or press the foot switch - Data is transmitted once, the signal light of the transmit box flashes once
7305-R21					
7305-22	cable for large digital calipers (length 2.5m)				- Press the button of the transmit box, or press the foot switch - Data is transmitted once, the signal light of the transmit box flashes once
7305-R22					
7305-30	cable for digital micrometers (length 2.5m)			 for 3102, 3128, 3565 series digital micrometers	- Press the "data" button of digital micrometer, can also press the button of the transmit box, or press the foot switch - Data is transmitted once, the signal light of the transmit box flashes once, at the same time, the signal light on the digital micrometer flashes once
7305-R30					
7305-31	cable for digital micrometers (length 2.5m)			 	- Press the "data" button of digital micrometer, can also press the button of the transmit box, or press the foot switch - Data is transmitted once, the signal light of the transmit box flashes once, at the same time, the signal light on the digital micrometer flashes once
7305-R31					

Code	Description	Plug to measuring tool	Plug to computer	Connecting with measuring tool	Transmit data
7305-50M	cable for digital gauges (length 2.5m)				■ Press the button of the transmit box, or press the foot switch ■ Data is transmitted once, the signal light of the transmit box flashes once
7305-R50M					
7305-1150	cable for digital height gauges (length 2.5m)				■ Press the button of the transmit box, or press the foot switch ■ Data is transmitted once, the signal light of the transmit box flashes once
7305-R1150					



7305-40M

Continuous transmit (can be switched to single transmit)

Code	Description	Plug to measuring tool	Plug to computer	Connecting with measuring tool	Transmit data
7305-40M	cable for digital indicators (length 2.5m)			 for 2108, 2138, 2139 series digital indicators	Continuous transmit is controlled in software Single transmit: ■ Press the “DATA” button of digital indicator, can also press the button of the transmit box, or press the foot switch ■ Data is transmitted once, the signal light of the transmit box flashes once, at the same time, the signal light on digital indicator flashes once Note: long press button to zero the digital indicators; software of data transmit is included
				 for other digital indicators	Continuous transmit is controlled in software Single transmit: ■ Press the button of the transmit box, or press the foot switch ■ Data is transmitted once, the signal light of the transmit box flashes once Note: long press button to zero the digital indicators; software of data transmit is included

Code	Description	Plug to measuring tool	Plug to computer	Connecting with measuring tool	Transmit data
7305-R40M	cable for digital indicators (length 2.5m)			 for 2108, 2138, 2139 series digital indicators	Continuous transmit is controlled in software Single transmit: - Press the "DATA" button of digital indicator, can also press the button of the transmit box, or press the foot switch - Data is transmitted once, the signal light of the transmit box flashes once, at the same time, the signal light on digital indicator flashes once Note: long press button to zero the digital indicators; software of data transmit is included
				 for other digital indicators	Continuous transmit is controlled in software Single transmit: - Press the button of the transmit box, or press the foot switch - Data is transmitted once, the signal light of the transmit box flashes once Note: long press button to zero the digital indicators; software of data transmit is included

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
- Can save results as Excel

export Excel real-time display setting zero of digital indicators

Clear **Save** Manual Auto Start

Data collection

No	Value	Error	Result	Time
000001	11.756	-0.244	OK	2020-10-12 09:28:46
000002	11.730	-0.270	OK	2020-10-12 09:28:47
000003	10.940	-1.060	NG	2020-10-12 09:28:48
000004	10.120	-1.880	NG	2020-10-12 09:28:50
000005	12.000	0.000	OK	2020-10-12 09:28:52
000006	12.000	0.000	OK	2020-10-12 09:28:53
000007	11.490	-0.510	OK	2020-10-12 09:28:54
000008	10.784	-1.216	NG	2020-10-12 09:28:55
000009	10.030	-1.970	NG	2020-10-12 09:28:56
000010	10.600	-1.400	NG	2020-10-12 09:28:58

Real-time measurement

12.000 mm

Disconnect ASC **Zero**

Real-time statistics

AVG Num NG+

MAX OK NG-

MIN

Parameters

STD Beep Auto Sampling period Ms

USL Unit

LSL

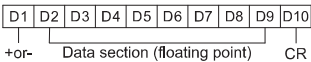
Parameters

Internal debug: E M

measurement results and judgment setting tolerance and sampling period

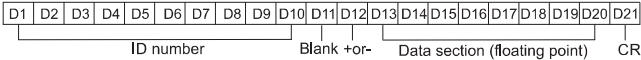
- Baud: 9600bps
Data bit: 8
Stop bit 1
Check bit: None
No flow control

▪ Data output format



Data format example	
Display	Output
1.234	➡ +0001.234 ✓
-1.234	➡ -0001.234 ✓

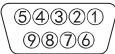
▪ Data output format with ID number



Data format example	
Display	Output
1.234	➡ 4109210605 +0001.234 ✓
-1.234	➡ 4109210605 -0001.234 ✓

- The data transmission mode can be switched:
single or continuous;
The data output format can be switched:
with ID number or without ID number;
Data can be transmitted by command;
The digital indicators can be zeroed by command

▪ Pin definition of RS232 plug:



Pin No.	Symbol	Description
2	TXD	Data OUT
3	RXD	Data IN
4	VDD	+5V Power
5	GND	Ground

2) Data output cables without transmit box



7305-G3350

application

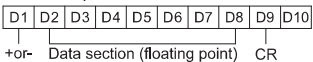


Single transmit

Code	Description	Plug to measuring tool	Plug to computer	Connecting with measuring tool	Transmit data
7305-G60	cable for high precision digital indicators (length 3m)				▪ Press the “DATA” button of high precision digital indicator
7305-G3350	cable for digital micrometers (length 3m)				▪ Press the “DATA” button of digital micrometer

- Baud: 9600bps
Data bit: 8
Stop bit 1
Check bit: None
No flow control

▪ Data output format



Data format example	
Display	Output
1.234	➡ +0001.234 ✓
-1.234	➡ -0001.234 ✓

- Data can be transmitted by command
The digital indicators or micrometers can be zeroed by command