

Optional Accessories*1

Code No.	Description
264-622	U-WAVE-TM transmitter
02AZF310	U-WAVE-TM connection unit
05CZA662	SPC data cable with pushbutton (1 m)
05CZA663	SPC data cable with pushbutton (2 m)
06AFM380B	USB input tool direct USB-ITN-B (2 m)

*1 Only for models with data output function.



Specifications

Metric						
Code No.	Range	Resolution	Accuracy*2	Parallelism	Constant-force device	Mass

With SPC data output

293-230-30	0 - 25 mm	0.001 mm	±1 μm	1 μm	Ratchet stop	270 g
293-231-30	25 - 50 mm					330 g
293-232-30	50 - 75 mm		470 g			
293-233-30	75 - 100 mm		±2 μm	2 μm		625 g

Inch/Metric

Code No.	Range	Resolution	Accuracy*2	Parallelism	Constant-force device	Mass
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With SPC data output

293-330-30	0 - 1" (0 - 25.4 mm)	.00005" (0.001 mm)	±.00005" (±1 μm)	.00004" (1 μm)	Ratchet stop	270 g
293-331-30	1 - 2" (25.4 - 50.8 mm)			.00008" (2 μm)		330 g
293-332-30	2 - 3" (50.8 - 76.2 mm)			470 g		
293-333-30	3 - 4" (76.2 - 101.6 mm)	.0001" (0.001 mm)	±.0001" (±2 μm)	.00012" (3 μm)	Ratchet stop	625 g
293-330-30	4 - 5" (101.6 - 127.0 mm)					600 g
293-351-30	5 - 6" (127.0 - 152.4 mm)					740 g
293-352-30	6 - 7" (152.4 - 177.8 mm)	±.00015" (±3 μm)	±.00015" (±3 μm)	.00016" (4 μm)	Ratchet stop	800 g
293-353-30	7 - 8" (177.8 - 203.2 mm)					970 g
293-354-30	8 - 9" (203.2 - 228.6 mm)					1100 g
293-355-30	9 - 10" (228.6 - 254.0 mm)	±.0002" (±4 μm)	±.0002" (±4 μm)	.0002" (5 μm)	Ratchet stop	1270 g
293-356-30	10 - 11" (254.0 - 279.4 mm)					1340 g
293-357-30	11 - 12" (279.4 - 304.8 mm)			1540 g		
293-334-30	0 - 1" (0 - 25.4 mm)	.00005" (0.001 mm)	±.00005" (±1 μm)	.00004" (1 μm)	Ratchet thimble	275 g
293-335-30	0 - 1" (0 - 25.4 mm)				Friction thimble	275 g
293-336-30	1 - 2" (25.4 - 50.8 mm)				335 g	

Without SPC data output

293-340-30	0 - 1" (0 - 25.4 mm)	.00005" (0.001 mm)	±.00005" (±1 μm)	.00004" (1 μm)	Ratchet stop	270 g
293-341-30	1 - 2" (25.4 - 50.8 mm)			.00008" (2 μm)		330 g
293-342-30	2 - 3" (50.8 - 76.2 mm)			470 g		
293-343-30	3 - 4" (76.2 - 101.6 mm)	.00005" (0.001 mm)	±.0001" (±2 μm)	.00004" (1 μm)	Ratchet thimble	625 g
293-344-30	0 - 1" (0 - 25.4 mm)					275 g
293-345-30	1 - 2" (25.4 - 50.8 mm)			335 g		
293-346-30	2 - 3" (50.8 - 76.2 mm)	±.0001" (±2 μm)	±.0001" (±2 μm)	.00008" (2 μm)	Ratchet thimble	475 g
293-347-30	3 - 4" (76.2 - 101.6 mm)					639 g
293-348-30	0 - 1" (0 - 25.4 mm)		±.00005" (±1 μm)	.00004" (1 μm)	Friction thimble	275 g

*2 Excluding quantizing error.

Note: All-Digit preset type - models over 125 mm (5") measuring range.

Dimensions

Range	L	a	b	c
0 - 1"	0	2.8	9	25
1 - 2"	25.4	2.8	9.8	32
2 - 3"	50.8	2.8	12.6	47
3 - 4"	76.2	2.8	14	60
4 - 5"	101.6	5.3	16.7	76
5 - 6"	127.0	5.7	18.8	90
6 - 7"	152.4	6.1	19.1	102
7 - 8"	177.8	6.3	18.2	115
8 - 9"	203.2	6.7	16.8	127
9 - 10"	228.6	5.5	18	139
10 - 11"	254.0	6.5	18	152
11 - 12"	279.4	6.5	18	166

