

Applicable models:
340-251-30, 340-252-30, 340-351-30, 340-352-30

Measurement example



Optional Accessories

Code No.	Type	Description
264-020	—	USB Input Tool Series USB Keyboard Signal Conversion Type IT-020U
05CZA662	B	Connection cable for 340-251-30, 340-252-30, 340-351-30 and 340-352-30 (1 m)
05CZA663	B	Connection cable for 340-251-30, 340-252-30, 340-351-30 and 340-352-30 (2 m)
04AZB512	CR	Connection cable (1 m) for 340-5XX, 340-7XX
04AZB513	CR	Connection cable (2 m) for 340-5XX, 340-7XX
959149	C	Connection cable (1 m) for 340-5XX, 340-7XX
959150	C	Connection cable (2 m) for 340-5XX, 340-7XX
06AFM380B	B	USB Input Tool Direct (2 m)
06AFM380C	C	USB Input Tool Direct (2 m)
02AZD730G	IP67	U-WAVE-T
02AZD880G	Buzzer	U-WAVE-T
02AZD790B	B	Connection cable for U-WAVE-T (160 mm)
02AZE140B	B	Connection cable for U-WAVE-T For foot switch
02AZD790C	C	Connection cable for U-WAVE-T (160 mm)
02AZE140C	C	Connection cable for U-WAVE-T For foot switch
264-622	IP67	U-WAVE-TM*
264-623	Buzzer	U-WAVE-TM*
264-626	IP67	U-WAVE-TMB*
264-627	Buzzer	U-WAVE-TMB*
02AZF310	IP67	Connecting unit for U-WAVE-TM/TMB*

* Only 340-251-30, 340-252-30, 340-351-30 and
340-352-30 can be attached.

Outside Micrometers SERIES 340 — with Interchangeable Anvils

- Wide measuring range with interchangeable anvils.
- Measuring face of the spindle is carbide tipped (standard model).
- IP65 water/dust protection.
- Equipped with Ratchet Stop for constant measuring force.



340-251-30



340-520

SPECIFICATIONS

Metric									
Code No.	Range (mm)	Resolution (mm)	Spindle feed error (μm)	Flatness (μm)	Parallelism (μm)	Interchangeable anvils	Setting Standard Qty	Standard Size (mm)	Micrometer head stroke (mm)
With SPC data output									
340-251-30*	0 - 75	0.001	3	0.6	2	6 pcs.	5	25 - 125	25
	75 - 150						6	150 - 275	
340-252-30*	150 - 300							300 - 375	
340-520	300 - 400	0.001	3	1.0	6	4 pcs.	4	400 - 475	
340-521	400 - 500							500 - 575	
340-522	500 - 600							600 - 675	
340-523	600 - 700							700 - 775	
340-524	700 - 800							800 - 875	
340-525	800 - 900							900 - 975	
340-526	900 - 1000								

Inch / Metric									
Code No.	Range (in)	Resolution	Spindle feed error (in)	Flatness (in)	Parallelism (in)	Interchangeable anvils	Setting Standard Qty	Size (in)	Micrometer head stroke (in)
With SPC data output									
340-351-30*	0 - 6	0.0001 in/ 0.001 mm	0.00015	0.000024	0.00012	6 pcs.	5	1 - 5	1
340-352-30*	6 - 12				0.0002		6 - 11		
340-720	12 - 18				0.00028		12 - 17		
340-721	18 - 24			0.00004	0.00036		18 - 23		
340-722	24 - 30				0.0004		24 - 29		
340-723	30 - 36				0.00044		30 - 35		

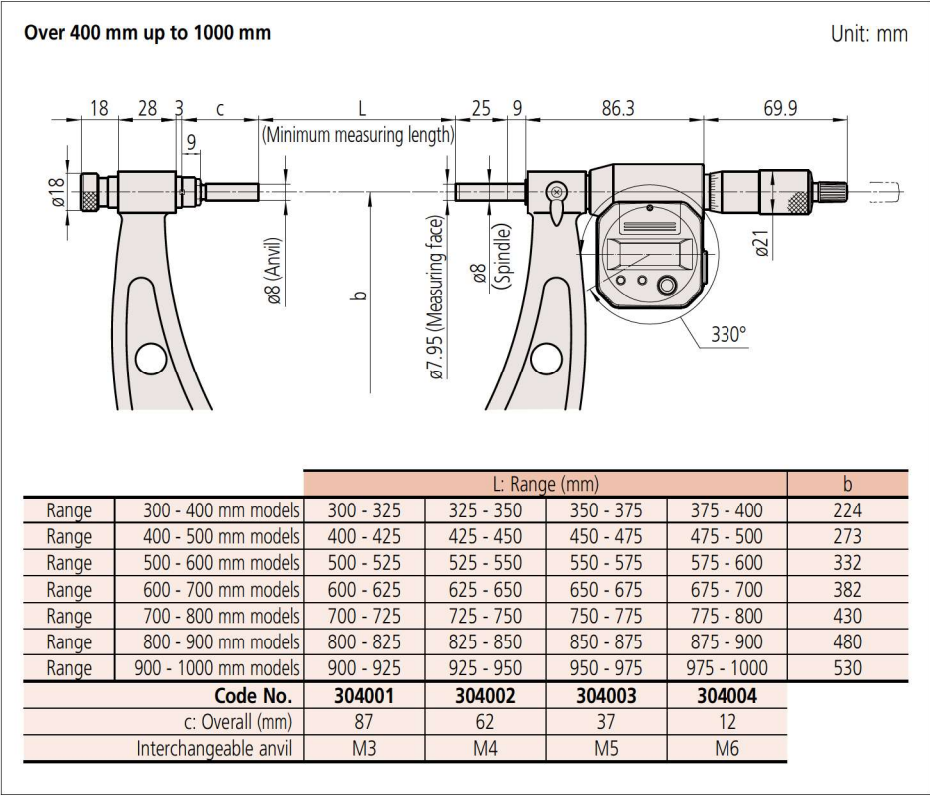
- * IP65 model.
- Power source for 340-251-30, 340-252-30, 340-351-30, 340-352-30: SR44 battery (1 pc.), 938882 included as standard (for operational checks)
 - Power source for 340-520 to 340-526, 340-720 to 340-723: SR44 battery (2 pcs.), 938882 included as standard (for operational checks)
 - Battery life: Approx. 2.4 years under normal use (for 340-2XX, 340-3XX)
Approx. 1.8 years under normal use (for 340-5XX, 340-7XX)
 - Position detection method: Electromagnetic rotary sensor (for series 340)
 - Standard accessories: Spanner (301336), 1 pc.
(for maximum measuring range up to 300 mm (12 in)), Spanner (200154), 1 pc.
(for maximum measuring range 400 mm (16 in) or over)
- Note 1: For functional details of 340-251-30, 340-252-30, 340-351-30, 340-352-30, refer to page 02-7.
Please note that origin setting of these models is by presetting.
- Note 2: For functional details of 340-520 to 340-723, refer to page 02-9.

Micrometer

02
Micrometers

Outside Micrometers
SERIES 340 — with Interchangeable Anvils

DIMENSIONS



Outside Micrometers (Digimatic)