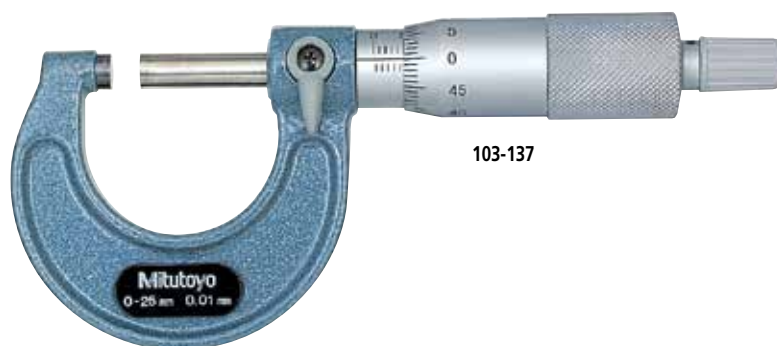


Outside Micrometers

SERIES 103

FEATURES

- Hammertone, baked-enamel-finished frame.
- Ratchet stop for exact repetitive readings.
- With a standard bar except for 0-25mm model.



103-137



Technical Data

Graduation: 0.01mm, 0.001mm
 Flatness: 0.6 μ m for models up to 300mm/12"
 1 μ m for models over 300mm/12"
 Parallelism: (2+R/100) μ m, R=max, range (mm)
 Measuring faces: Carbide tipped

SPECIFICATIONS

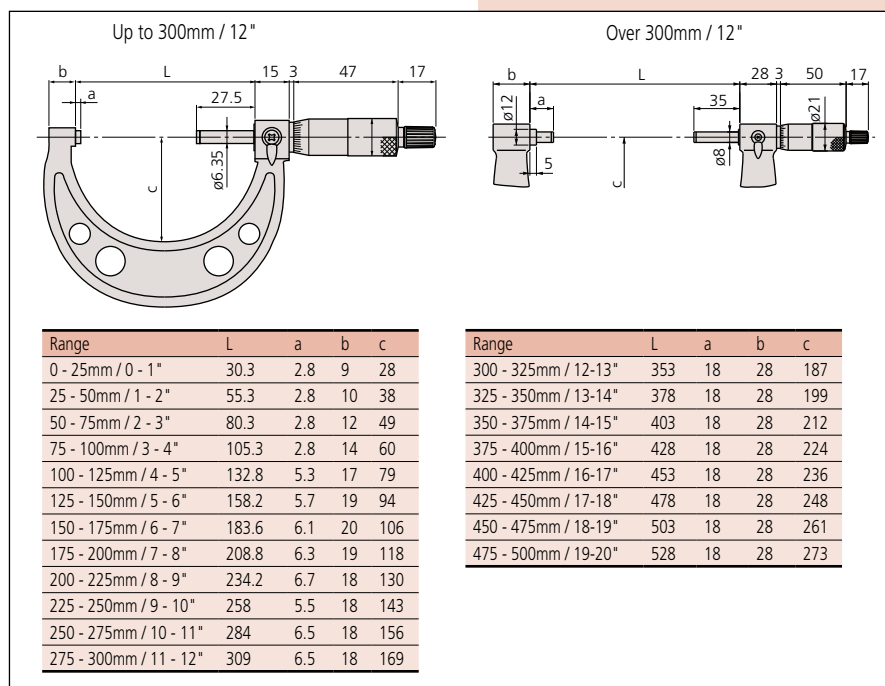
Metric With ratchet stop

Range	Order No.	Accuracy	Mass (g)
0 - 25mm	103-137	$\pm 2\mu$ m	175
	103-129*	$\pm 2\mu$ m	175
25 - 50mm	103-138	$\pm 2\mu$ m	215
	103-130*	$\pm 2\mu$ m	215
50 - 75mm	103-139-10	$\pm 2\mu$ m	315
75 - 100mm	103-140-10	$\pm 3\mu$ m	375
100 - 125mm	103-141-10	$\pm 3\mu$ m	515
125 - 150mm	103-142-10	$\pm 3\mu$ m	665
150 - 175mm	103-143-10	$\pm 4\mu$ m	720
175 - 200mm	103-144-10	$\pm 4\mu$ m	920
200 - 225mm	103-145-10	$\pm 4\mu$ m	1080
225 - 250mm	103-146-10	$\pm 5\mu$ m	1255
250 - 275mm	103-147-10	$\pm 5\mu$ m	1405
275 - 300mm	103-148-10	$\pm 5\mu$ m	1565
300 - 325mm	103-149	$\pm 6\mu$ m	1985
325 - 350mm	103-150	$\pm 6\mu$ m	2155
350 - 375mm	103-151	$\pm 6\mu$ m	2305
375 - 400mm	103-152	$\pm 7\mu$ m	2455
400 - 425mm	103-153	$\pm 7\mu$ m	2715
425 - 450mm	103-154	$\pm 7\mu$ m	2965
450 - 475mm	103-155	$\pm 8\mu$ m	3215
475 - 500mm	103-156	$\pm 8\mu$ m	3450

(Models with a range up to 1000mm are available.)

*0.001mm reading is obtained with vernier.

DIMENSIONS AND MASS



Metric Micrometer set

Range	Order No.	Included in set	Mass (g)
0 - 75mm (3 pc. set)	103-927-10	103-137, 103-138, 103-139-10 , 2 micrometer standards	750
0 - 150mm (6 pc. set)	103-913-50	103-137, 103-138, 103-139-10, 103-140-10, 103-141-10, 103-142-10 , 5 micrometer standards	2260
150 - 300mm (6 pc. set)	103-915-10	103-143-10, 103-144-10, 103-145-10, 103-146-10, 103-147-10, 103-148-10 , 6 micrometer standards	7695
0 - 300mm (12 pc. set)	103-914-50	All micrometers of 103-913-50 and 103-915-10 in one set, 11 micrometer standards	9300