

MF Measuring Microscope

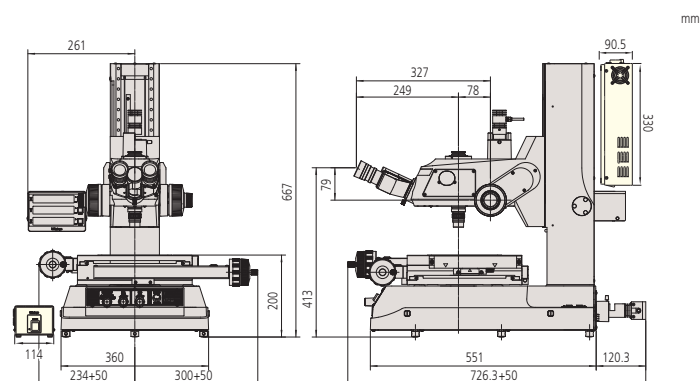
Series 176

Specifications/Dimensions

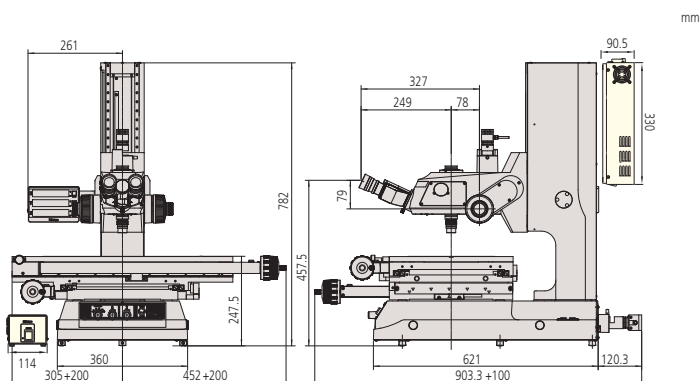
Model	1010C	2010C	2017C	3017C	4020C
No.	176-662-10 176-682-10*	176-663-10 176-683-10	176-664-10 176-684-10*	176-665-10* 176-685-10	176-666-10* 176-686-10*
MF-A (2 axis)	176-662-10	176-663-10	176-664-10	176-665-10	176-666-10
MF-B (3 axis)	176-682-10	176-683-10	176-684-10	176-685-10	176-686-10
XY stage travel range (mm)	100 x 100	200 x 100	200 x 170	300 x 170	400 x 200
Z-axis travel range (mm)	150	150	220	220	220
XY stage top size (mm)	280 x 280	350 x 280	410 x 342	510 x 342	610 x 342
Effective glass size (mm)	180 x 180	250 x 150	270 x 240	370 x 240	440 x 240
Swivelling function	-	-	±5° (left)	±5° (left)	±3° (left)
Max. stage loading	10 kg	10 kg	20 kg	20 kg	15 kg
Max. workpiece height	150 mm	150 mm	220 mm	220 mm	220 mm
Mass	65.5 kg	69.5 kg	130 kg	138 kg	144 kg

Optional accessories

No.	Description
12AAA165	Lens cleaning set
375-054	0.5X camera adapter (with C-mount adapter)
12BAB345	Halogen bulb (24V/50W)
176-308	Vibration damping stand
375-056	Stage micrometer
12AAA846	Foot switch
264-145D	QM-Data 200 Stand type
264-145E	QM-Data 200 Stand type UK only
Eyepieces	
176-392	Monocular tube with 10X eyepiece
176-393	Binocular tube with 10X eyepiece set
375-043	Protractor eyepiece (10X)
176-313D	Digital protractor eyepiece (10X)
378-856-5	10X eyepiece set (ø24 mm)
378-857-5	15X eyepiece set (ø16 mm)
378-858-5	20X eyepiece set (ø12 mm)
176-313E	Digital protractor eyepiece (10X) UK only
Filters	
12AAA643	ND2 colour filter
12AAA644	ND8 colour filter
12AAA645	GIF filter (transmitted / surface)
12AAA646	LB80 colour filter (transmitted / surface)
Mounts	
176-314-1	Slide type nosepiece (2-mount / parfocal) factory-fit option
176-314-2	Slide type nosepiece (2-mount / mag. adjusted) factory-fit option
970441	C-mount adapter
Objectives	
375-034-1	5X lens (WD : 61 mm, NA : 0.13)
375-039	10X lens (WD : 51 mm, NA : 0.21)
375-036-2	1X lens (WD : 61 mm, NA : 0.03)
375-037-1	3X lens (WD : 77 mm, NA : 0.09)
375-051	20X lens (WD : 20 mm, NA : 0.42)
375-052	50X lens (WD : 13 mm, NA : 0.55)
375-053	100X lens (WD : 6 mm, NA : 0.7)



1010C



4020C



Focus pilot FP-05
Focus assisting system



QM-Data 200



Vision Unit
PC-based vision measuring system