

MF-U Measuring Microscope

Series 176 - High-power Multi-function



Model 1010C

Model 1010C

XY stage travel range : 100 x 100 mm
Z-axis travel range : 150 mm
XY stage top size : 280 x 280 mm
Effective glass size : 180 x 180 mm
Max. stage loading : 10 kgf
Max. workpiece height : 150 mm
Mass : 65.5 kg

Model	MF-UA	MF-UB	MF-UC	MF-UD
No.	176-668-10	176-688-10*	176-674-10*	176-694-10
Observation type	Bright Field (BF)	Bright Field (BF)	Bright/Dark Field (BF/DF)	Bright/Dark Field (BF/DF)
Measurement system	X and Y axis (2 axes)	X, Y and Z axis (3 axes)	X and Y axis (2 axes)	X, Y and Z axis (3 axes)



Model 2010C

Model 2010C

XY stage travel range : 200 x 100 mm
Z-axis travel range : 150 mm
XY stage top size : 350 x 280 mm
Effective glass size : 250 x 150 mm
Max. stage loading : 10 kgf
Max. workpiece height : 150 mm
Mass : 69.5 kg

Model	MF-UA	MF-UB	MF-UC	MF-UD
No.	176-669-10*	176-689-10*	176-675-10*	176-695-10
Observation type	Bright Field (BF)	Bright Field (BF)	Bright/Dark Field (BF/DF)	Bright/Dark Field (BF/DF)
Measurement system	X and Y axis (2 axes)	X, Y and Z axis (3 axes)	X and Y axis (2 axes)	X, Y and Z axis (3 axes)

Optional accessories

No.	Description
375-054	0.5X camera adapter (with C-mount adapter)
970441	C-mount adapter
375-056	Stage micrometer
12AAA165	Lens cleaning set
12AAA846	Foot switch
172-378	V-block with clamp (Max. workpiece ø25 mm)
176-305	Rotary table with fine feed wheel ø183 mm
176-306	Rotary table with fine feed wheel ø240 mm

Bulbs

12BAB345	Halogen bulb (24V/50W)
517181	Halogen bulb (24V, 100W)
12BAD602	High intensity bulb (24V/100W)

Eyepieces

378-857	15X eyepiece
378-858	20X eyepiece

Filters

12AAA643	ND2 colour filter
12AAA644	ND8 colour filter
12AAA645	GIF filter (transmitted / surface)
12AAA646	LB80 colour filter (transmitted / surface)
12AAG806	GIF filter
12AAG807	LB80 filter

Lighting

176-343D	Twin fibre-optic illuminator
176-315D	Halogen illumination unit (12V, 100W)
176-316D	Halogen illumination unit (12V, 150W)
176-316E	Halogen illumination unit (12V, 150W) UK only
176-315E	Halogen illumination unit (12V, 100W) UK only
176-346D	LED illumination unit
176-346E	LED illumination unit UK only
176-348D	Halogen illumination unit
176-348E	Halogen illumination unit UK only

Reticles

12AAG876	Cross-hair reticle (3 µm width)
12AAG877	Cross-hair reticle (5 µm width)
12AAG878	Cross-hair reticle (7 µm width)
12AAG879	Cross-hair and 45° angle
12AAG880	Broken cross-hair and 60° angle
12AAG881	Zeiss type chart

Stands

176-308	Vibration damping stand
176-107	Holder with clamp
172-197	Swivel centre support

Turrets

378-018	Manual turret BF
378-116D	Power turret BF 5 mounts
176-211	Manual turret BF/DF 4 mount
378-210	Power turret BF/DF