

# Fowler

## Measuring Microscopes

### Special Features:

- Focus of the eyepiece is highly corrected for chromatic aberration.
- All microscopes are mounted on a self-contained stand.
- All microscopes include a pen light powered by AA dry cell batteries and a bracket.
- Reticles supplied as standard equipment have fine 90 degree crosshairs.
- Reticle can be rotated within the axis of the instrument and focused for individual eyesight.
- Microscope tubes supplied with a precision rack and pinion for 2-1/2" vertical movement.
- All units include a built-in height/depth scale with .1mm graduations.



Note: Units can be special ordered with metric scale reticles. Contact our Technical Department for more information.



Order No.	Description	Working Distance	Field of View
53-646-087	Microscope 20X with 90° crosshair reticle, 2X objective & 10X eyepiece.	1.417"(36mm)	.283"(7.2mm)Ø
53-646-089	Microscope 40X with 90° crosshair reticle, 4X objective & 10X eyepiece.	.736"(18.7mm)	.142"(3.6mm)Ø
53-646-091	Microscope 60X with 90° crosshair reticle, 6X objective & 10X eyepiece.	.406"(10.3mm)	.094"(2.4mm)Ø
53-646-096	Microscope 100X with 90° crosshair reticle, 10X objective & 10X eyepiece.	.224"(5.7mm)	.057"(1.45mm)Ø
53-646-098	Microscope 150X with 90° crosshair reticle, 15X objective & 10X eyepiece.	.362"(9.2mm)	.038"(.96mm)Ø
53-646-100	Microscope 200X with 90° crosshair reticle, 20X objective & 10X eyepiece.	.264"(6.7mm)	.028"(.72mm)Ø

### Accessories:

53-646-026	2X achromatic objective for and included w/#53-646-087 only.
53-646-028	4X achromatic objective for #53-646-089 only.
53-646-029	6X achromatic objective for and included w/#53-646-091 only.
53-646-030	10X achromatic objective for and included w/#53-646-096 only.
53-646-059	10X eyepiece only; included with all microscopes listed above.
53-646-060	.005" scale reticle only for 20X #53-646-087 .
53-646-061	.002" scale reticle only for 40X #53-646-089.
53-646-062	.001" scale reticle only for 60X #53-646-091.
53-646-065	90 degree crosshair reticle only. Included with above microscopes.
53-646-066	.0005" scale reticle only for 100X #53-646-096.
53-646-067	.0002" scale reticle only for 150X #53-646-098.
53-646-068	.0001" scale reticle only for 200X #53-646-100.
53-646-081	Pen light with bracket. Included with above microscopes.