

# Fred V. Fowler Company, Inc.

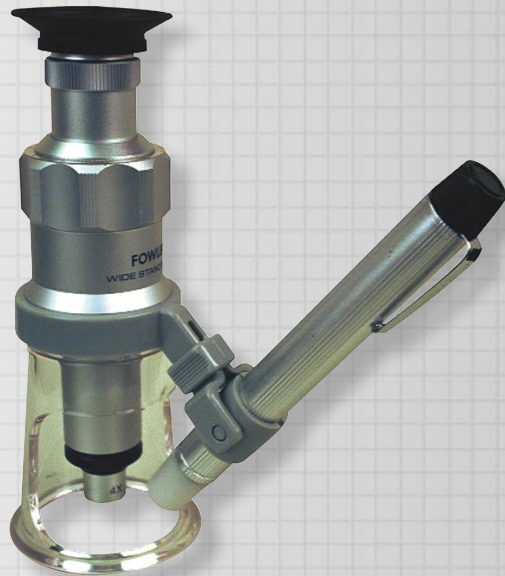


## Measuring Microscopes

Miscellaneous Gaging  
Optics & Lighting

### 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.
- Reticle supplied as standard equipment has fine 90 degree crosshairs.
- Reticle can be rotated within the axis of the instrument and focused for individual eyesight.
- Microscope tubes supplied with a screw type adjustment 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
<b>Accessories:</b>			
53-646-026	2X achromatic objective for and included with No. 53-646-087 only		
53-646-028	4X achromatic objective for No. 53-646-089 only		
53-646-029	6X achromatic objective for and included with No. 53-646-091 only		
53-646-030	10X achromatic objective for and included with No. 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 No. 53-646-087		
53-646-061	.002" scale reticle only for 40X No. 53-646-089		
53-646-062	.001" scale reticle only for 60X No. 53-646-091		
53-646-065	90 degree crosshair reticle only. Included with above microscopes		
53-646-066	.0005" scale reticle only for 100X No. 53-646-096		
53-646-067	.0002" scale reticle only for 150X No. 53-646-098		
53-646-068	.0001" scale reticle only for 200X No. 53-646-100		
53-646-081	Pen light with bracket. Included with above microscopes		