



SHOP MICROSCOPE

- *VALUE*
- *VERSATILITY*
- *PERFORMANCE*



FM-50/100

**DESCRIPTION: -**

The Portable Microscope is widely used for measuring or viewing purpose in production, outside working and laboratory.

Shop microscopes are sometimes referred to as field microscopes, handheld microscopes or pocket microscopes. It includes a built-in eyepiece reticle for measuring as well as a penlight in a swivel mount for illumination.

TECHNICAL SPECIFICATION: -

Model No.	FM-100	FM-50
Total magnification	100x	50x
Mechanical Tube Length	160mm	
Eyepiece	10x	
Objective	10x	5x
Numerical Aperture	0.25	0.12
Diameter of viewing field in eyepiece	φ18mm	
Reticle of eyepiece	0.1mm	
Minimum readable division	0.01mm	0.02mm
Working distance	6.93mm	17.6mm
Focusing range	30mm	
Diameter of bearing plane	φ63mm	
Height of Microscope	210mm	
Mass of Microscope	650g	
Illumination system	Pen light, no 7 battery	
Maximum dimension	143mmx 63mmx210mm	