



## F1125 LED

This microscope Series sets the standard for high school instruction. Each model includes the most requested microscope characteristics such as rugged metal construction, metal focusing gear and student-proof locked-on components. The superior DIN optical system and precision manufacturing assures that all microscopes are parcentric as well as parfocal and deliver bright and sharp images.

<b>Model</b>	F1125 LED
<b>Optical System</b>	Finite optical system, 160mm
<b>Observation Tube</b>	Dual view, monocular with focusable vertical tube
<b>Light split</b>	Fixed 50:50
<b>Inclination</b>	45° inclined and one vertical tube, 360° rotating
<b>Eyepiece</b>	WF10X/18mm with pointer, lockable
<b>Nosepiece</b>	Quadruple revolving nosepiece with click stops
<b>Objective classification</b>	Achromatic DIN
<b>Objectives</b>	4X/0.10, 10X/0.25, 40X/0.65/S
<b>Objective mounting thread</b>	W 4/5" x 1/36" (RMS standard)
<b>Stage</b>	Plain stage with sample clips
<b>Stage size</b>	120x110mm
<b>Upper limit stop</b>	Preset and adjustable
<b>Condenser</b>	Focusable 1.25 N.A. Abbe condenser with iris diaphragm
<b>Focus mechanism</b>	Separated coarse and fine focusing system with tension adjustment
<b>Fine focus precision</b>	2µm minimum increment
<b>Z-axis movement</b>	7mm
<b>Filter</b>	Built-in frosted glass
<b>Illumination</b>	LED 20mA, 3.5V, 70mW with intensity control
<b>Transformer</b>	External
<b>Power supply</b>	100-220V
<b>Accessories included</b>	Dust cover
<b>Length X Width X Height</b>	185 x 140 x 418mm
<b>Weight</b>	3.1Kg