

Suggested Copy for Ward’s Catalog

M10T-BTW1 Series Advanced Compound Microscopes with Tablet

The latest in Swift Optical’s line of digital compound microscopes now feature an integrated LCD tablet. Combining the features of Swift’s popular M10 advanced microscope with a tablet system offers unlimited possibilities. View and share live images on the screen. The pre-loaded MotiConnect App allows for image capture, annotation, measurement and sharing. The Wi-Fi signal permits the user to connect to a computer and utilize the included Motic Images Plus software. This microscope series integrates quality construction with tablet technology to be an all-in-one digital microscope solution fully functional without a computer. Choose from semi-plan, plan or phase objectives.

Model #	Head	Live Image resolution	Objectives	Condenser	Illumination
M10T-BTW1-S	Binocular	<ul style="list-style-type: none"> ○ USB: 1280x720/1280x1024 preview mode, 2592x1944 (5MP) still image WiFi: 1280x960 preview mode, 1280x960 (1.3MP) still image 	4x, 10x,40XR, 100XR, Semi	1.25 NA Abbe	3W LED
M10T-BTW1-P	Binocular	<ul style="list-style-type: none"> ○ USB: 1280x720/1280x1024 preview mode, 2592x1944 (5MP) still image 	4x, 10x,40XR, 100XR, Plan	1.25 NA Abbe	3W LED
M10T-BTW1-MP	Binocular	WiFi: 1280x960 preview mode, 1280x960 (1.3MP) still image	4x, 10x,40XR, 100XR, Phase	1.25 NA Abbe	3W LED

Digital Image Viewing, Storage, and Manipulation

- 8 inch LCD touch screen tablet
- Built-in camera captures still and video clips
- Pre-loaded MotiConnect Apps for image capture, annotation, and sharing
- HDMI output
- USB and WiFi Interface
- Resolution:
 - USB: 1280x720/1280x1024 preview mode, 2592x1944 (5MP) still image
 - WiFi: 1280x960 preview mode, 1280x960 (1.3MP) still image
- Chip Size: 1/2.5”

LED Illumination

- 3W energy-efficient LED illumination provides brilliant white light with virtually no heat
- Variable illumination allows user to control brightness

Ease of Use

- Coaxial fine and coarse focus system
- Built-in low drive mechanical stage
- Rack and pinion, 1.25 Abbe condenser with iris diaphragm
- 4xD, 10xD, 40xRD, and 100xRD Semi-Plan objectives assure superior optical clarity

Quality

- Quality manufacturing and all-metal internal parts ensure durability and minimal downtime
- Warranty: Swift Limited Lifetime on the microscope, 1-year limited on the tablet screen