

Better Vision
Better Results

Firefly GT200

High Precision Digital Microscope



TRUE 1.3 MEGAPIXELS

GT200 delivers exactly 1.3 Megapixels of detail without using interpolation techniques. While such a large quantity of pixels may normally cause significant lags in capturing and displaying images, the GT200 is equipped with a cutting edge image processing engine which virtually eliminates visual lag, enabling an intuitive user experience.

230x MAGNIFICATION

Provides up to 230x native optical magnification for highly precise analysis.

MULTI-LAYER GLASS LENSES

Equipped with multi-layer glass lenses rather than plastic alternatives, thus delivering superb focal depth and crystal clear image quality.

8 ULTRA-BRIGHT LEDs

Highest quality ultra-bright LEDs are deployed with variable brightness control

- **Capture snapshots & videos**
- **Magnify objects up to 230x**
- **Tightly control brightness & focus**
- **Optional portable 4.3" LCD display can be used instead of PC**

This digital microscope is ideal for engineers, scientists, medical professionals, teachers, students, quality assurance teams, beauticians, coin collectors, biologists, botanists and a variety of other professions where close-up inspection and recording is essential. Unlike older tabletop microscopes costing thousands of dollars, GT200 delivers advanced capabilities - and much more - at an economical cost.

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GT200



Technical Details

| | |
|------------------------|---|
| Sensor Resolution | True 1.3 Megapixels (1280 x 1024) |
| Magnification | Native Optical: 15x – 230x |
| Lens Assembly | Dual Lenses 3-Layer Glass, 650nm cutoff |
| Video | Format: UYVY, YUY2 Frame rate: 30 FPS |
| Video/Image Properties | Color: Hue, Saturation Exposure: Brightness, Contrast Image: Sharpness, Gamma |
| Image Files | BMP |
| Lighting | 8 Ultra-Bright LEDs Fully adjustable brightness |
| Dimensions | 13cm x 3.6cm x 4cm |
| Interface | USB 2.0 |
| Accessories | Includes Mini-Tripod and Desk Stand |
| Software | User Friendly GUI Freeze, Snapshot, Video capture Image/Video catalog |
| Operating Systems | Windows 7, Vista and XP UVC compatible on Mac and Linux |
| Warranty | 1 Year Limited Hardware Warranty |



ADVANCED IMAGING TECHNOLOGY

Managing incoming light is a tremendous challenge in microscope design. Reflections and lighting leaks can easily pollute the sensor, resulting in overexposure and washed-out images. Firefly effectively reduces overexposure by employing a proprietary lens assembly design and efficient image processing algorithms.

This highly effective overexposure management technology enables Firefly use 8 ultra-bright LEDs to their fullest effect. Objects under observation are brightly illuminated without undesirable side effects.

SOPHISTICATED SOFTWARE

The GT200 is controlled directly with the FireflyView software which is bundled with the microscope. This state-of-the-art software enables users to capture, view, store, recall and analyze images and videos in real time. Its intuitive interface empowers users to get right to work anytime, anywhere.

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