

Better Vision Better Results

HIGH RESOLUTION

Firefly's DE330T delivers exactly 1600x1200 pixels of detail without using interpolation techniques. While such a large quantity of pixels may normally cause significant lags in capturing and displaying images, the DE330T is equipped with a cutting edge image processing engine which virtually eliminates visual lag, enabling an intuitive user experience.

165x MAGNIFICATION

Provides up to 165x native optical magnification and up to 495x digital magnification.

MULTI-LAYER GLASS LENSES

Equipped with multi-layer glass lenses, delivering superb focal depth and crystal clear image quality.

INTEGRATED POLARIZER

High quality built-in polarizer with multiple levels of polarization.

Firefly DE330T

Polarizing Digital TrichoScope



- **Designed for Digital High Precision Trichoscopy**
- **Quickly captures images & videos**
- **Magnifies objects at precisely 35x, 55x, 65x, 130x and 165x optically and up to 500x digitally.**
- **Easily integrates with EMR systems**

This cutting-edge digital polarizing TrichoScope is ideal for hair specialists, healthcare professionals, teachers, students and cosmetics professionals where close-up hair inspection and recording is essential. It can be used for EMR (Electronic Medical Records) as well as for patient education. Unlike older digital scopes costing thousands of dollars, DE330T delivers these capabilities - and much more - at a highly economical cost.

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DE330T

Technical Details

Image Sensor and Resolution	2 Megapixels 1600 x 1200
Magnification	Native Optical: 35x, 55x, 65x, 130x, 165x Digital: up to 495x
Lens Assembly	3-Layer Glass, 650nm cutoff Integrated Polarizer
Video	Format: MJPG, YUY2 Frame rate: 30 FPS
Video/Image Properties	Color: Hue, Saturation Exposure: Brightness, Contrast Image: Sharpness, Gamma
Image / Video Files	JPG / BMP / AVI
Lighting	8 Ultra-Bright LEDs Fully adjustable brightness
Dimensions	13cm x 3.6cm x 4cm
Interface	USB 2.0
Accessories	2 Attachable Glass Covers for lens protection, 3 Plastic Scope Spacers, Optional Platform Stand
Software	Scalable Window, Zoom, Freeze, Resolution, Rotate, Flip Region of Interest (ROI) Automatic/Manual white balance
Operating Systems	Windows 7, 8, 10 and Mac OS-X 10.4 or higher
Warranty	1 Year Limited Hardware Warranty

INCLUDED ACCESSORIES

3 Scope Spacers, 2 Glass Covers



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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 highly efficient image processing algorithms.

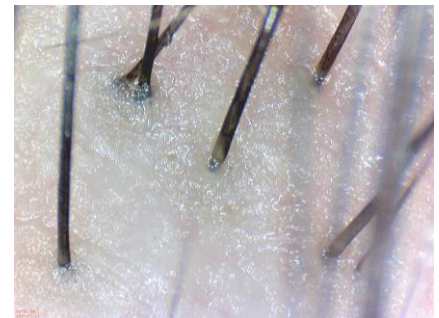
This highly efficient overexposure management technology enables Firefly use 8 ultra-bright LEDs to their fullest effect. Objects under observation are brightly illuminated without undesirable side effects.

OPTIONAL PLATFORM STAND



POWERFUL MAGNIFICATION AND POLARIZATION

DE330T empowers hair specialists with a whole new perspective. Its advanced technology can quickly provide a high resolution image into even the smallest areas of interest.



SOPHISTICATED SOFTWARE

For quick measurements and calculations the DE330T is can be controlled directly with the FireflyPro professional image processing software which is bundled with the TrichoScope. This software enables users to capture, store, recall, view, manipulate and measure images.

TRICHOSCIENCE PRO® COMPATIBLE

For in depth analysis in Trichology the DE330T is fully compatible with the TrichoSciencePro® software offering a variety of powerful tools to perform sophisticated hair and scalp diagnostic studies.

www.trichosciencepro.com