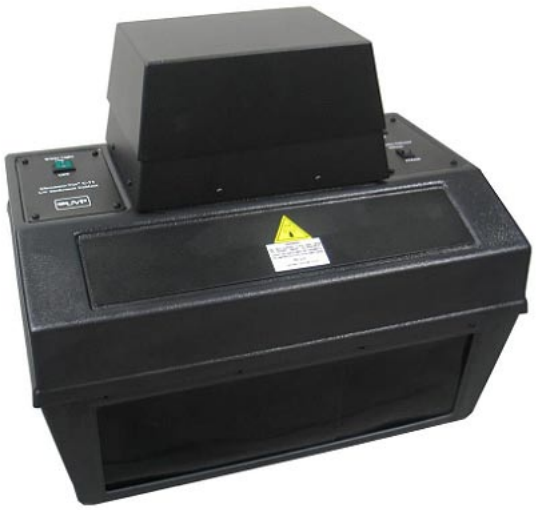
Chroma-TLC Imaging System

Description

The Chroma Imaging System is designed for capturing brilliant Thin Layer Chromatography (TLC) images.
Chroma-TLC System connects to your computer for easy documentation of thin layer chromatography.

The lightweight cabinet is perfect for TLC applications with overhead 15-watt 254 nm and 365 nm UV illumination.

The high resolution Digi camera is controlled by exclusive capture software. The software enables live preview of images, user defined default settings and templates, annotations, use of filters, and report generation (see page 2).



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Viewing Cabinet

The Chroma Imaging System components include a Chromato-Vue viewing cabinet with epi 254 nm and 365 nm UV to fluoresce various stained gels. The cabinet provides white light for illuminating the cabinet interior.

UV Filter

The TLC, orange-colored UV blocking band pass filter, is installed inside the cabinet at the factory. The filter is used to absorb UV and IR radiation from the transilluminator and to enhance the orange/pink bands generated by EtBr stained gels.

The filter can be removed when imaging non-fluorescent media in order to produce brighter images.

Camera and Diopter

The digital color camera includes a zoom lens and 24 megapixel resolution.
A close-up diopter is connected to the lens at factory.

Technical Data

Illumination	245 nm and 365 nm overhead UV Interior white light
Filter	One Position
Camera Resolution	24 MP
Dimensions (L x W x H)	42 x 50 x 39 cm

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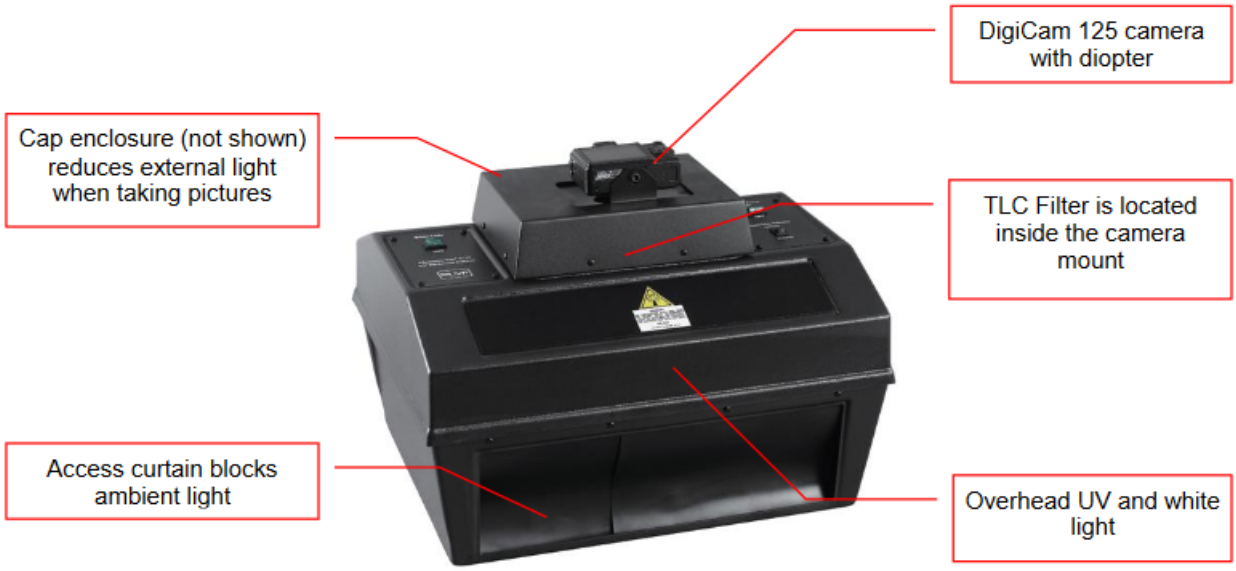
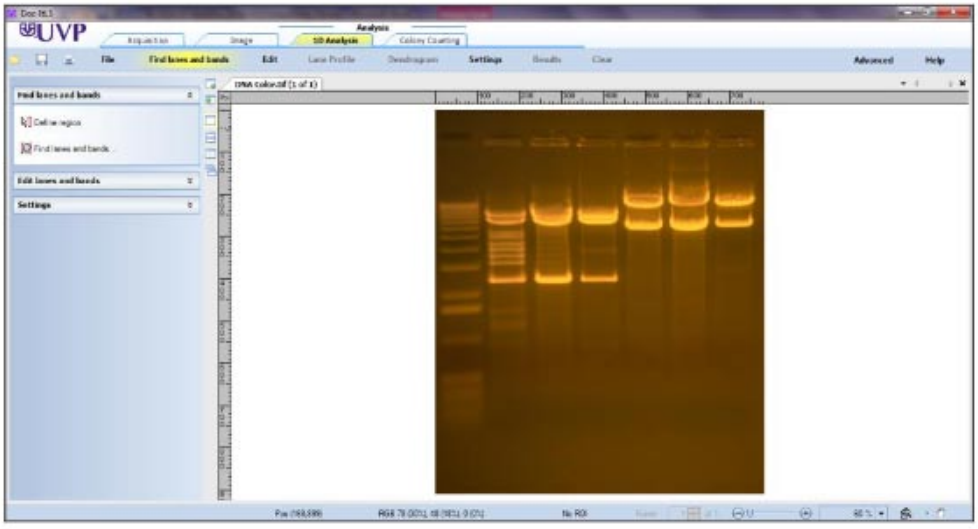


Chroma-Software

The software loads onto the user's existing computer. The software controls the camera acquisition functions as well as enhancement and reporting features.



Operating System Requirements

- Windows 7/10, Vista or XP SP2 or later
- Internet Explorer 6.0 or higher
- Intel Pentium Processor or equivalent, 1.6 GHz or higher
- 1 GB of RAM or greater
- 200 MB of available hard disk space for the program, more for data
- CD-ROM drive
- One Universal Serial Bus (USB) for connecting the camera
- Color monitor, supporting at least 1024 x 768 resolution and 16-bit or better colors; 24-bit or 32-bit color is strongly recommended

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