

Images of highest quality
ever in the field



Dr. Matthias Loppacher,
Head of R & D

Dear reader,

With no other technique but Thin-Layer Chromatography, can analytical work be visualized directly as colored images for unquestioned verification of the final result. To stress this fact we have named our latest product "CAMAG TLC VISUALIZER".

We have continuously sought and incorporated customer feedback to ensure that the evolution of our image documentation system will reproducibly visualize your results, producing images that are without a doubt the best quality ever in the field.

In addition we have also optimized the entire ergonomics. A wide access sliding door and an ergonomic positioning system for TLC plates of all standard sizes make the plate handling tasks easier. To increase the overall safety of the system a separate viewing window equipped with a UV-filter has been added.

All of these improvements, and last but not least the new design, will make it a pleasure for our customers to work with the CAMAG TLC VISUALIZER.

News & Events

U.S. Pharmacopeia and CAMAG team up

For analysts of botanical manufacturing companies and contract labs, regulators and consultants with all level of experience in TLC the US Pharmacopeia Professional Education offers two-day courses hosted by CAMAG:

TLC for Dietary Supplements: Botanicals
April 29–30 & May 1–2, 2008

Location: CAMAG, Wilmington, N.C./USA
For details go to

<http://www.usp.org/education/pe/courses/TLCDietarySupplementsBotanicals.html>

Intern. Symposium for HPTLC,
11–13 June 2008, Helsinki/Finland

www.hptlc.com



CAMAG

Flash

April 2008

TLC VISUALIZER – new powerful evaluation, visualization and archiving system



**CAMAG introduces
TLC VISUALIZER.
The successor of the DigiStore
series provides images of highest
quality ever in the field.**

Main focus on the development of TLC VISUALIZER was to improve the illumination unit and to create a new, ergonomic design that is appealing as well. Outstanding features of our software winCATS bring out the best of the evaluation, visualization and archiving system.

Key features of TLC VISUALIZER:

- The newly designed illumination unit providing visible/white light, UV 254, UV 366 and visible/white transmitted light improves the homogeneity of the illumination of a plate.
- The powerful high-resolution 12bit CCD camera with 4095 linear intensity levels allows fast image transfer rates below 1s via FireWire. Fixed capture parameters ensure high reproducibility of images from plate to plate.
- Easy and intuitive handling with "winCATS – Planar Chromatography Manager". Automatic image optimization for all illumination modes and the spot amplification tool to locate even the smallest fractions on a plate come with the basic version. Future software versions will allow controlling the TLC VISUALIZER completely via PC.
- Option 'Professional Image Enhancement' provides perfect illumination thanks to individual measuring and correction of the unit (IQ/OQ). An advanced background plate correction eliminates all plate inhomogeneities; the built-in matrix color correction makes true, natural colors possible. The results are images of superb quality.
- Monitoring of long-term behaviour of samples/plates can be performed by producing image series over a defined period of time via winCATS.
- The optional Image Comparison Viewer allows comparing tracks from different TLC/HPTLC plates directly with each other on the same screen: Simultaneous display of tracks from (groups of) samples or easy side by side comparison of reference tracks from different plates.
- Quantitative evaluation of digitized images with VideoScan, captured and archived with TLC VISUALIZER.
- TLC VISUALIZER and winCATS software are compliant with GMP/GLP; IQ/OQ qualification and 21CFR11 are provided.

All this together makes the TLC VISUALIZER the most advanced digital image processing system for TLC/HPTLC currently available. And with a good look too.

More information is available at www.camag.com/tlcvisualizer

WORLD LEADER IN PLANAR CHROMATOGRAPHY

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