

CAMAG TLC Scanner



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Dear reader

Decades ago CAMAG introduced densitometric evaluation of HPTLC plates to analytical laboratories and the concept soon found wide acceptance among analytical scientists. For this quantitative technique a TLC scanner was developed, at that time a ground-breaking instrument. Subsequently several CAMAG TLC Scanner generations have followed and with each one, there have been improvements regarding ease of handling, reproducibility of data, scanning parameter options, and software.

The CAMAG TLC Scanner 3 has served as a very durable work horse for many years and has proven satisfactory to many users on a daily basis. Of course users always find needed improvements and our customer surveys have resulted in suggestions like smaller footprint, extended spectral range and easier plate handling. Now we introduce the latest TLC scanner, which we simply call CAMAG TLC Scanner. The CAMAG TLC Scanner should fit more easily into most laboratory space and it has the new, modern look, consistent with CAMAG's design concept introduced several years ago. The CAMAG TLC Scanner can blend perfectly with an existing CAMAG system. Please contact us for literature or a demonstration where you can make your own experience.

News & Events

- **TLC-MS Interface:** now available elution head for preparative TLC Plates
- Just released: **CBS 104, CAMAG Bibliography Service** for ordering: www.camag.com/cbs
- **New: General Catalog 2010/11 „Instrumental Thin-Layer Chromatography“** Ask our representative in your country for hardcopy or email: sales@camag.com
- For **coming events** goto: www.camag.com/events

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CAMAG TLC Scanner: Quantitative evaluation of Thin-Layer Chromatograms at its best

The new CAMAG TLC Scanner – successor of TLC Scanner 3 – was unveiled at Analytica 2010 in Munich/Germany and attracted wide interest among our visitors. The CAMAG TLC Scanner is the most advanced workstation for densitometric evaluation of Thin-Layer Chromatograms currently available. Important improvements were made in design, especially related to handling and electronics. Analysts can now benefit from a wider spectral range for specific applications and better reproducibility thanks to improved signal to noise ratio and an optimized scanning/measurement stage.

The new CAMAG TLC Scanner is based on time proven technical principles known from the previous model. The new instrument will replace TLC Scanner 3.



User comfort: redesigned plate loading and handling



Some features of CAMAG TLC Scanner:

- Measurement of reflection, either in absorbance or fluorescence mode
- Object formats up to 200 x 200 mm
- Extended spectral range 190 – 900 nm (before 190 – 800 nm)
- Optimized scanning/measurement stage for even better reproducibility
- Improved signal to noise ratio
- Smaller footprint
- Re-designed for user comfort
- Data step resolution 25 – 200 µm
- Fully automatic scanning; speed 1 – 100 mm/s
- Reproducible data within minutes
- Up to 36 tracks with up to 100 substances per track
- Operated with easy to use winCATS software
- winCATS options for TLC Scanner: Quantitative Evaluation incl. Sub-component Evaluation, Dual- and Multi-wavelength scan, Scanner Self Testing, Track Optimization, Spectrum Library
- Complies with GMP/GLP and 21CFR11

Further information is available at: www.camag.com/tlc-scanner

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