CAMAG®

Definition	Sample Application	Chromatogram Development
		Horizontal Developing Chamber
Stationary Phase	Nanomat	Developing Chamber

▲ Manual Input

Definition	**Sample Application**	**Chromatogram Development**

▼ Software-controlled

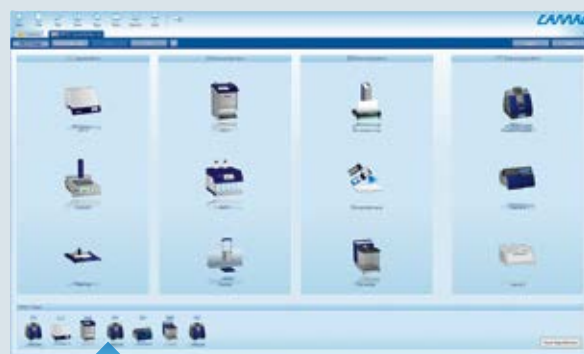| Samples	Automatic TLC Sampler ATS 4	Automatic Developing Chamber ADC 2
Standards	Linomat 5	AMD 2 System Automated Multiple Development

visionCATS HPTLC Software

HPTLC Analysis – made easy

visionCATS stands for ease of use and intuitive simplicity. The software organizes the workflow of HPTLC, controls the involved CAMAG instruments, and manages data.
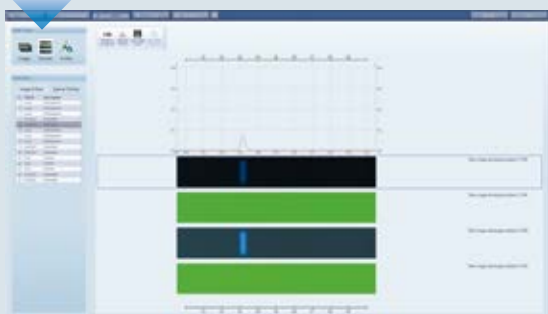
The easy to navigate user interface effectively guides the user through the chromatographic process – from definition of samples and substances to reporting of results. Simply select one of the default methods and start working: fill in the sequence table, select a mobile phase and the derivatization reagent.

If necessary modify detection parameters. Then *visionCATS* will guide you. Creating your own method is easy as well: just select the desired steps. The new sample-oriented approach allows for creating virtual plates from tracks originating from different plates, *e.g.* for batch-to-batch comparison or long-term stability testing.
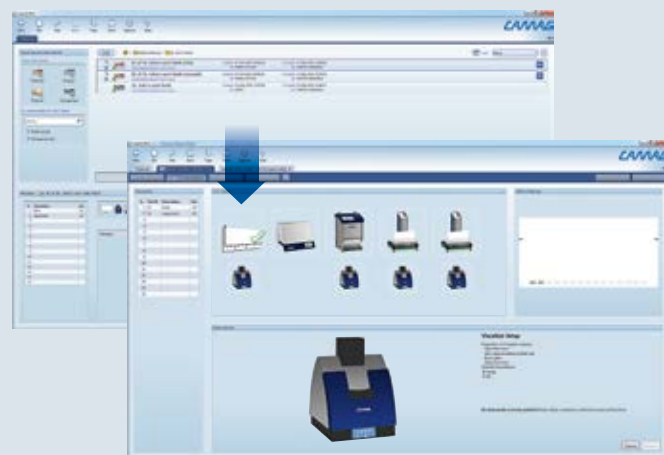
With *visionCATS* relevant samples can be located easier and faster than ever: a powerful search tool within the file explorer that includes extended preview functionalities enables the user to easily search for text and date, samples, methods, and analysis files.

HPTLC Analysis – made easy: create your own method with a few mouse clicks

Sample View: all available data related to the sample are displayed

Guided Analysis: select a method and *visionCATS* will guide you

CAMAG®

Derivatization	Evaluation: Detection	Evaluation: Documentation	Report
	TLC Scanner 4	TLC Visualizer 2	

Chromatogram Immersion Device

Derivatizer

Key Features

Image Comparison Viewer

With the fully integrated Image Comparison Viewer tracks originating from the same or different plates and/or different detection modes can be compared on the same screen side-by-side.

Image Enhancement Tools

visionCATS supports low-noise, high-dynamic-range imaging (HDRI) and includes a comprehensive set of Image Enhancement Tools.

Scanning Densitometry and Spectral Evaluation

Following their chromatographic separation substances on the plate can be measured by Scanning Densitometry. Recording of UV/Vis spectra and their comparison with reference spectra allows identification.

Quantitative Analysis

To determine the substance concentration in a sample after densitometric or image analysis, five different quantification functions (*e.g.* linear and polynomial regression modes) are available. Several scanning steps and up to five different evaluations can be performed in one analysis file.

HPTLC Method Library

For seamless import of validated methods and images of standards and reference materials, *visionCATS* provides a free of charge HPTLC Method Library for licensed users.

Regulatory Compliance

visionCATS supports compliance with cGMP/cGLP and 21 CFR Part 11.

State-of-the-art Software Architecture

visionCATS is based on a client/server system, enabling scalability from a single workstation to a multi-user lab network.

LEACSA

ESPECIALISTAS EN CROMATOGRAFÍA

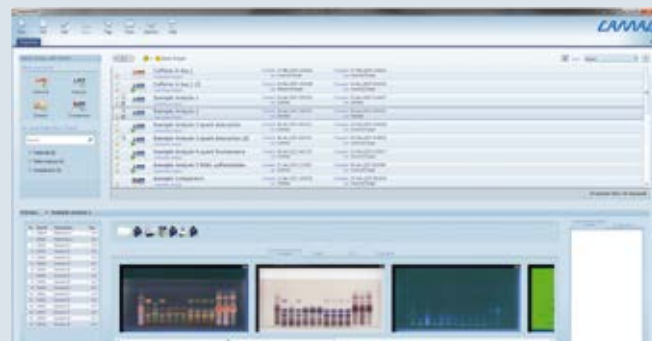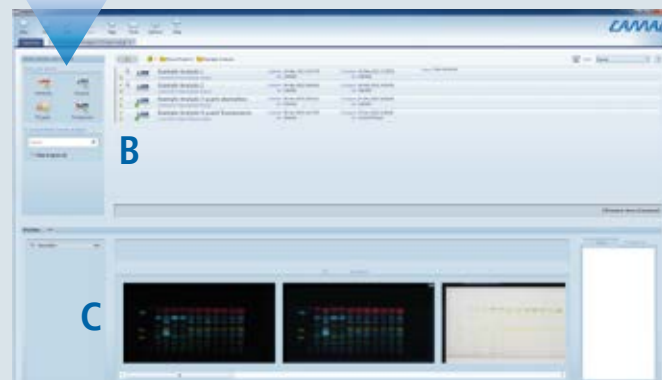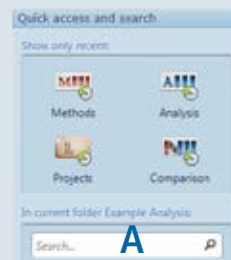www.leacsa.com ventas@leacsa.com   TEL: 55 5662 0010

Plate Preview: provides an overview of steps and samples of an analysis or method incl. instrument parameters and thumbnails of the acquired image

File Explorer: search entry for name, ID or keyword A; file results B; preview of a selected analysis with the thumbnail of the captured images C

Ordering information: www.camag.com/visionCATS