TLC-FLASHREADER™

**Your multi-function
TLC plate reader.
Ultra simple.
Ultra powerful.
So unique.**

ΔCV:1.8

ΔCV:5.9

Rf:0.3

Rf:0.2

Rf:0.1

TLC-FlashReader™
Advion Interchim
SCIENTIFIC

Advion Interchim
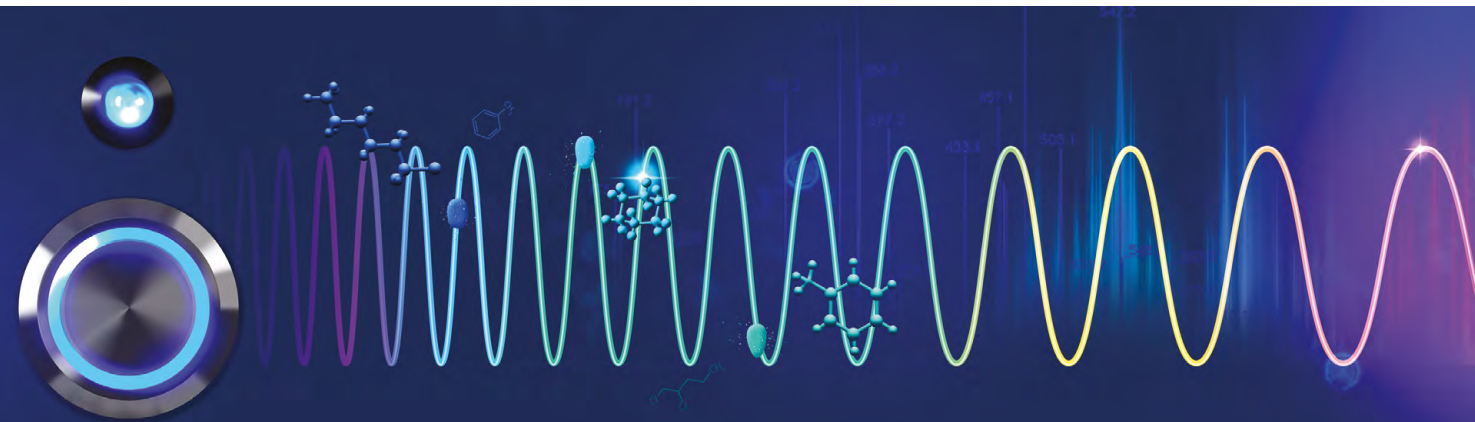scientific

INTRODUCTION

Spotlight on your compounds.

With the TLC-FlashReader™ your compounds will never go undetected again! Robust and compact, it allows you to directly visualize your compounds on the TLC plate thanks to its 3 embedded lights and high resolution camera.

Our TLC plate reader is driven by an ultra-intuitive software to guarantee you daily convenience and time savings.

Its operation is so simple: Forget your pencils, slide your TLC plate in its drawer and trust our algorithms to recognize your compounds.

PRODUCT DETAILS

A TLC plate reader that has a lot under the (small) hood !

The TLC-FlashReader™ has been specially designed to occupy minimum space on the bench (width 17 cm x depth 22 cm x height 32 cm) but a maximum one in your laboratory life!

It accepts TLC plates with 8.5 cm width and 12.5 cm height max., and has 3 embedded lights: white light, UV 254 nm & UV 366 nm as well as a high resolution camera.

PLUG & PLAY:

Take advantage of the numerous functionalities of your TLC plate reader without waiting. The TLC-FlashReader™ can be set up and used in a few seconds to provide you with an immediate convenience and daily time savings.
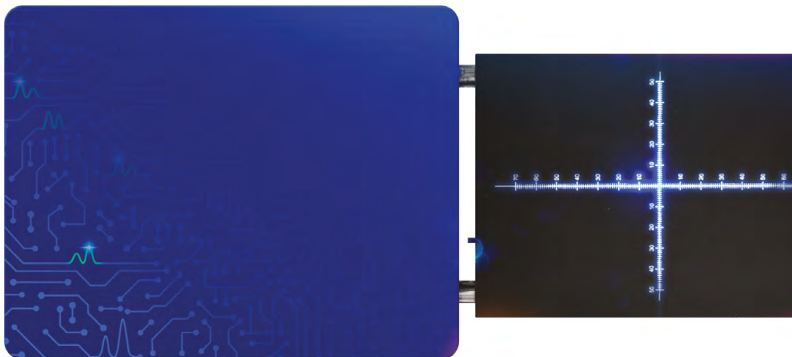
instrumentation@advion-interchim.com

PRODUCT DETAILS

Insert your TLC plate and let the magic happen.

but also archive, view your old plates, transfer your data to Genius…

PRODUCT DETAILS

Solo or part of the puriFlash® family?
The choice is yours.

The TLC-FlashReader™ can be used alone or coupled to our entire range of 5th generation puriFlash® systems with InterSoft® X software. For the stand-alone version, we can provide you with a tablet to live the TLC-FlashReader™ experience in an optimal way, just ask for it!

Harness the full power of the puriFlash® family by utilizing the pairing mode. This feature enables one-click data transfer directly from the TLC-FLashReader™ to Genius, which will recommend the best possible purification method in an instant.
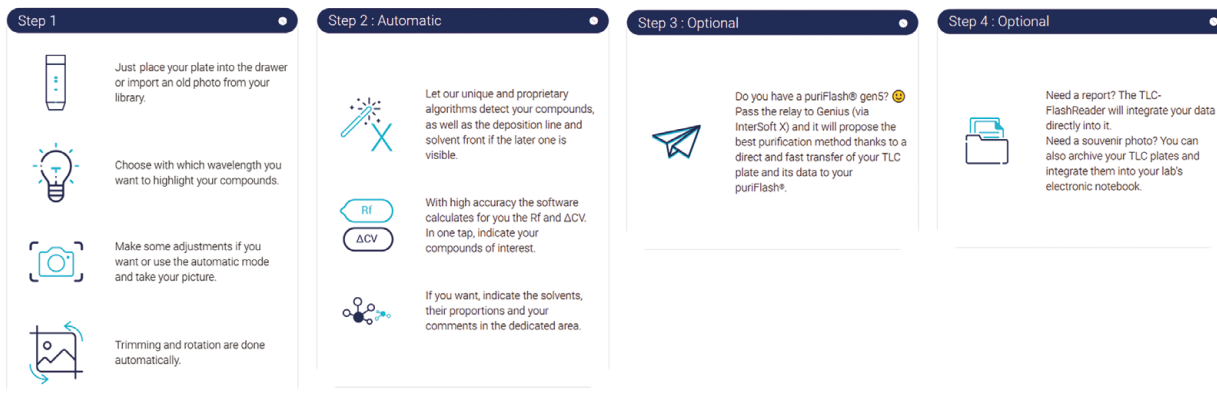
PRODUCT DETAILS

"Flash&GO": What if you switch to automatic mode?

Our teams of specialists have spent countless hours ensuring the TLC Flash-Reader™ is extremely intuitive and user-friendly so that you can obtain results in only a few seconds.
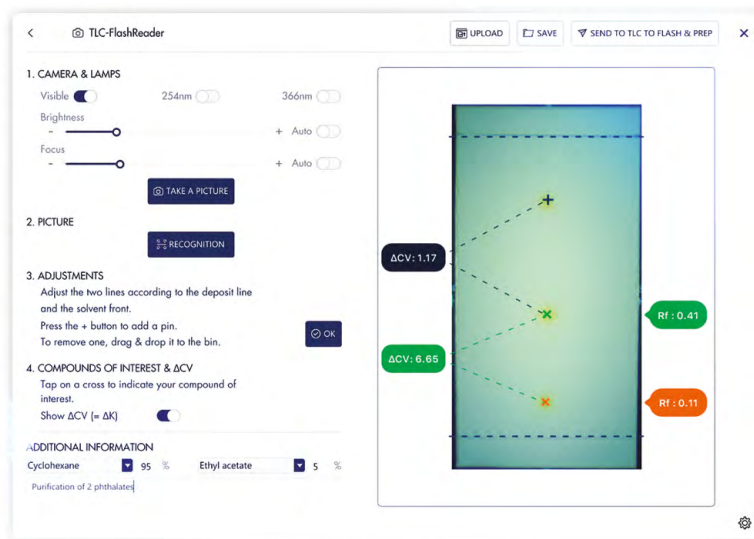
The process is fast, but here we will take the time to go in to detail:

Step 1

Just place your plate into the drawer or import an old photo from your library.

Choose with which wavelength you want to highlight your compounds.

Make some adjustments if you want or use the automatic mode and take your picture.

Trimming and rotation are done automatically.

Step 2 : Automatic

Let our unique and proprietary algorithms detect your compounds, as well as the deposition line and solvent front if the later one is visible.

Rf
ΔCV

With high accuracy the software calculates for you the Rf and ΔCV. In one tap, indicate your compounds of interest.

If you want, indicate the solvents, their proportions and your comments in the dedicated area.

Step 3 : Optional

Do you have a puriFlash® gen5? 😊 Pass the relay to Genius (via InterSoft X) and it will propose the best purification method thanks to a direct and fast transfer of your TLC plate and its data to your puriFlash®.

Step 4 : Optional

Need a report? The TLC-FlashReader will integrate your data directly into it.
Need a souvenir photo? You can also archive your TLC plates and integrate them into your lab's electronic notebook.

PRODUCT DETAILS

Let's experience the extremely intuitive and user-friendly one-page software!

PRODUCT DETAILS

The TLC-FlashReader™ is at your side during your purifications:

Whatever your field of activity (research, development, quality control, process…), the TLC-FlashReader™ will become an essential instrument in your laboratory.

The TLC-FlashReader™ has been designed to be much more than a simple TLC plate reader! This is why it also allows archiving of your TLC plates, of your crude sample, the confirmation of your collected fractions, as well as integration in your laboratory's electronic notebook.

PRODUCT DETAILS

Performing a synthesis workflow?
The TLC-FlashReader™ also accompanies you during your reaction monitoring!

To follow the progress of your synthesis, our TLC plate reader is the ideal companion!

Its versatility provides the ability to visualize and archive your TLC plates used during the reaction monitoring.

To be dazzled yes, but only by technology.
Last but not least, Safety first.

Safety has not been forgotten in the design of your TLC plate reader. When the drawer is opened the lamps automatically shut off, protecting the user against UV radiation.

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PART NUMBERS

Description	P/N
TLC-FlashReader™ + Software / 220v	BKZYO0
TLC-FlashReader™ + Software / 110v	BKZYO1
TLC-FlashReader™ + ASUS tablet + Software / 220v	BXB6Y0
TLC-FlashReader™ + ASUS tablet + Software / 110v	BXB6Y1

2 year warranty excluding wear parts.

ΔCV:1.8

ΔCV:5.9

Rf:0.3

Rf:0.2

Rf:0.1

Access the online
configurator and get
a quote or more information!

TECHNICAL SPECIFICATIONS

- **Accepted TLC plate size:**
  Any TLC plate size up to 8.5cm wide and 12.5cm high.

- **Light sources:**
  Illumination with white light (2 lamps), UV 254nm (2 lamps) and UV 366nm (2 lamps).

- **Use:**
  «stand alone» mode: controlled by "TLC-FlashReader™" software allowing the visualization and archiving of TLC plates.
  Or coupled with InterSoft® X software for direct transfer of the TLC plate into Genius and archiving of TLC plates.

- **Safety:**
  Automatic shut off for the lamps when the drawer is opened to protect the user from UV radiation.

- **Cleaning:**
  Removable TLC plate holder for easy maintenance.

- **Compatibility:**
  The TLC-FlashReader™ can be paired with all of our puriFlash® Gen 5, puriFlash® XS 520 Plus & puriFlash® 535-XL devices.It can be connected to a computer with Windows 10 for "stand alone" use.
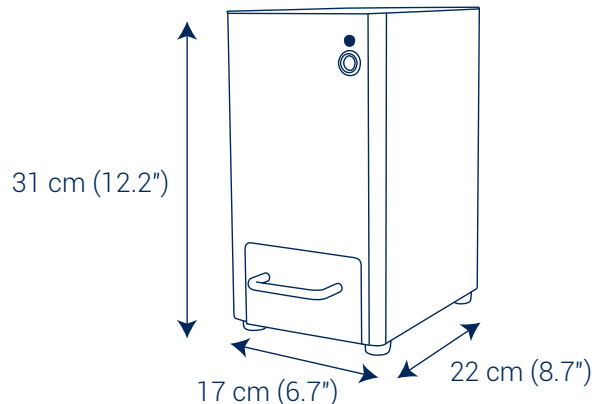
- **Communication:**
  2 USB cables.

- **Alimentation:**
  Power cord of choice: UK, US, European, China, India & Switzerland
  Voltage: 220V or 110V.

- **Dimension & Weight:**
  Width 17cm x Depth 22cm x Height 31cm - Weight: 5.9kg

31 cm (12.2")

17 cm (6.7")

22 cm (8.7")

Advion Interchim
scientific

How to request more information, a quotation or to place an order

Please see from the list below:

E-mail

info.EU@advion-interchim.com
quotes.EU@advion-interchim.com
orders.EU@advion-interchim.com

Online

www.advion-interchim.com

Phone

+33 4 70 03 88 55

**All your orders will be recorded
& processed as quickly as possible.**

**You need technical assistance?
Our scientific experts are here to help.**

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