

Laser and LED Induced Fluorescence Zetalif™ Detector



Interfacing With Separation Devices



With Agilent Technologies CE Systems

The detection cell is integrated in the Agilent CE cassette.

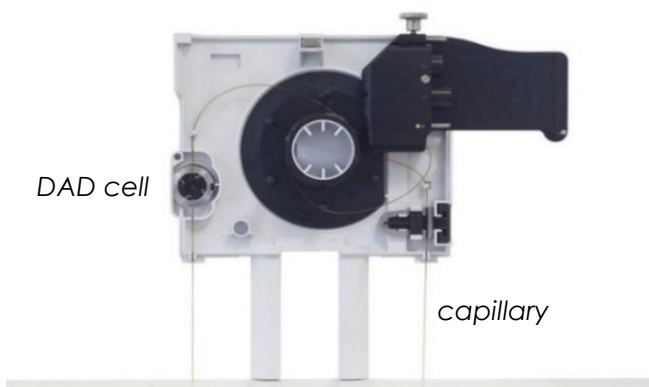
DAD and LIF or LEDIF detection can be made at the same time.

LIF Driver allows a full integration of all aspects of the fluorescence detector into the powerful OpenLab software, including: full control of the LIF or LEDIF detector, storage of methods and a broad range of additional options (PM value, rise time, acquisition frequency and offset).



LEDIF or LIF detection solution with Agilent CE

Modified Agilent cassette



Inside view of the LIF cassette



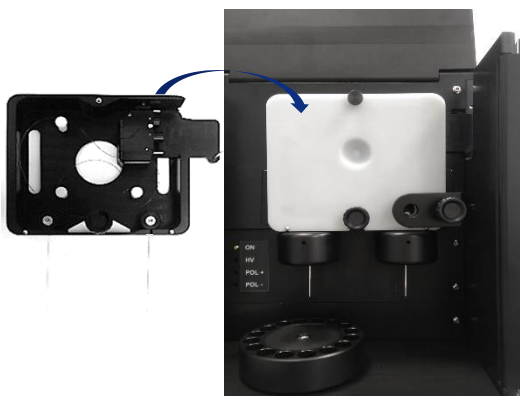
LIF cassette in Agilent 7100 CE system

With other CE Systems

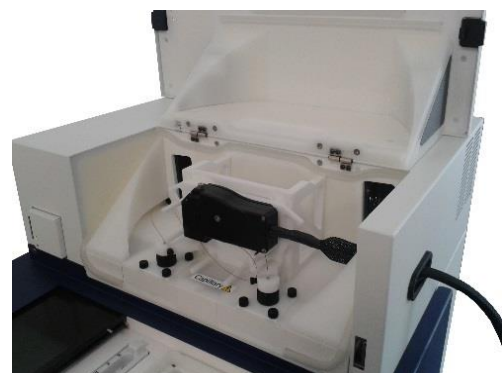
The detection cell is external, maintained by an articulated arm with cathode. A MS cassette is required.



Other examples of cell detection featured with CE:



WynCE cassette



PrinCE Next cartridge

Zetalif™ LED or Laser detectors are compatible with any data acquisition system featuring an analog input (0-1 V). If no analog input is available, an A/D converter is necessary.

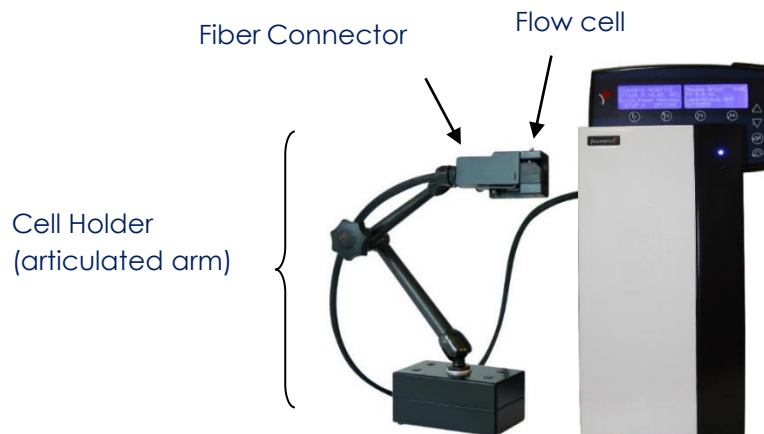
With LC Systems

Zetalif™ LED or Laser detectors are compatible with all LC systems (conventional LC, micro LC, nano LC, Fast LC) but optimal sensitivity is reached at flow rates $< 5 \mu\text{L}/\text{min}$.

A lower sensitivity may be observed at higher flow rates.

The detection cell is positioned on an articulated arm.

If no analog input is available, an A/D converter is necessary.





Learn more about **Adelis**

 contact@adelis-tech.com

www.adelis-tech.com

Specifications subject to change without notice as part of our ongoing quality improvement program. 04-2024

Picometrics and ZETALIF are trademarks of ADELIS SAS - France