

Laser and LED Induced Fluorescence Zetalif™ Detector



Interfacing with Separation Devices

With Agilent Technologies CE:

The detection cell is integrated in the Agilent CE cassette.

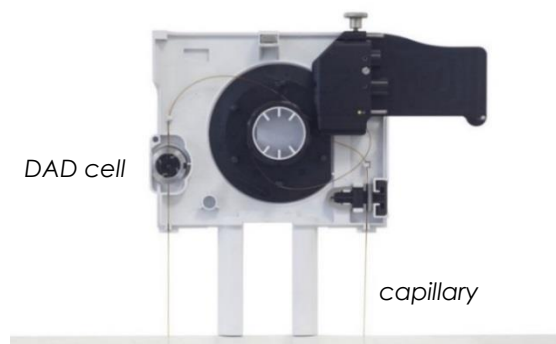
DAD and LIF or LEDIF detection can be made in the same time.

Picometrics driver allows for a full integration of all aspects of the fluorescence detector into the powerful Open Lab software, including: full control of the LIF or LEDIF detector, storage of methods and a broad range of additional options (autozero, offset, changing sensitivity during a run...).



LEDIF or LIF detection solution with Agilent CE

Modified Agilent cassette



DAD cell

capillary

Inside view of the LIF cassette



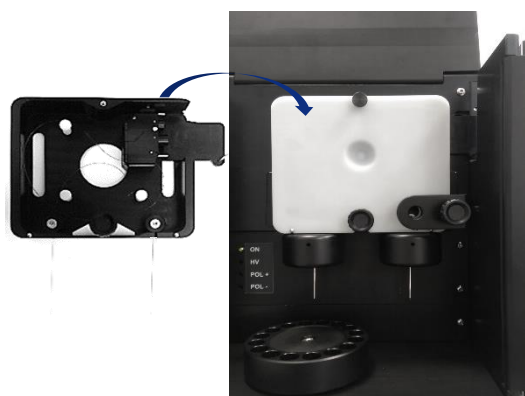
LIF cassette in Agilent 7100 CE

With other CE:

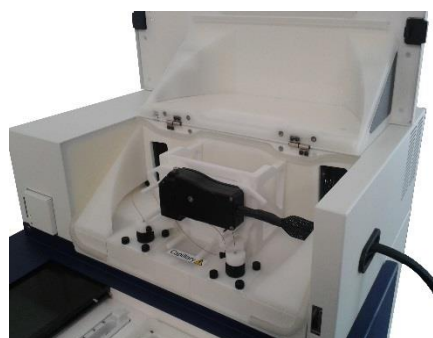
The detection cell is external, maintained by an articulated arm with cathode. A MS cassette is required.



Other examples of Picometrics 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.

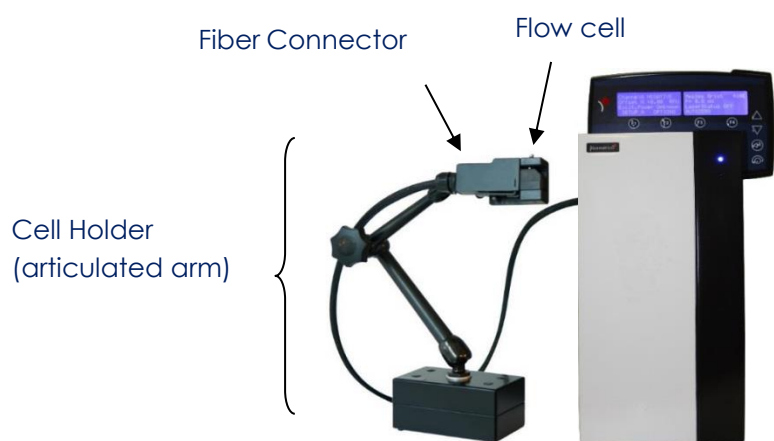
With LC system:

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.





adelis

Learn more about Adelis

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www.adelis-tech.com

Interface with Separation Device-V6

Specifications subject to change without notice as part of our ongoing quality improvement program. August 2019