

CytoFLEX mosaic spectral detection module



Spectral Flow Cytometry Meets Modularity

We are pleased to share with you our latest innovation: the high performance CytoFLEX mosaic spectral detection module.

The CytoFLEX mosaic detection module is the natural evolution of our CytoFLEX platform. A smart approach to spectral, it connects to your CytoFLEX LX/ S* Flow Cytometer, giving you the flexibility to mix and match different detection methods in one instrument.

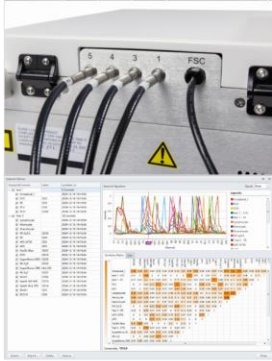
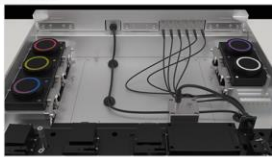
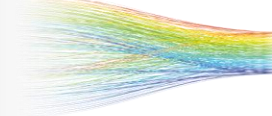
The CytoFLEX mosaic module, just like its parent flow cytometer, offers superior fluorescence sensitivity for dim and complex multicolor staining and can detect nanoparticles as small as 80 nm**. It uniquely provides two unmixing algorithms and up to 10 autofluorescence channels. Combined with unmixing accuracy checks and essential features for precise controls, it offers flexibility in experimental design and ensures optimal results from your spectral flow cytometry experiments.



#	Channel	Filter	Excitation	Excitation Power (mW)	Excitation Wavelength (nm)	Excitation Bandwidth (nm)	Excitation Wavelength (nm)	Excitation Bandwidth (nm)	Excitation Wavelength (nm)	Excitation Bandwidth (nm)
1	APC-Alexa 647	660/20	635	100	635	20	635	20	635	20
2	APC-Alexa 647	660/20	635	100	635	20	635	20	635	20
3	APC-Alexa 647	660/20	635	100	635	20	635	20	635	20
4	APC-Alexa 647	660/20	635	100	635	20	635	20	635	20
5	APC-Alexa 647	660/20	635	100	635	20	635	20	635	20
6	APC-Alexa 647	660/20	635	100	635	20	635	20	635	20
7	APC-Alexa 647	660/20	635	100	635	20	635	20	635	20



Plateforme ISOCELL – Caen
18 novembre 2025



Plateforme ISOCELL, Centre François Baclesse, Bâtiment de Recherche
3, Avenue du Général Harris, BP 5026, 14076 Caen cedex 05

AGENDA

10h30 – 12h00 : **Présentation du CytoFLEX mosaic**

Gaëlle DOUMBIA
Beckman Coulter Life Sciences

12:00 – 13h30 : Pause

A partir de 13h30 : **Mise en route de l'appareil, préparation des panels et acquisition des données**

Eric BAILLY
Beckman Coulter Life Sciences

Pour tout renseignement, veuillez contacter :

- Marilyne GUILLAMIN : marilyne.guillamin@unicaen.fr
- Jordan DIVOUX : j.divoux@baclesse.unicancer.fr

*Only valid for CytoFLEX S (V-B-Y-R) Series Flow Cytometer.

** Polystyrene when triggering on violet side scatter

CytoFLEX mosaic spectral detection module is For Research Use Only.
Not for use in diagnostic procedures.



© 2025 Beckman Coulter, Inc. All rights reserved. Beckman Coulter, the stylized logo, and the Beckman Coulter product and service marks mentioned herein are trademarks or registered trademarks of Beckman Coulter, Inc. in the United States and other countries. All other trademarks are property of their respective owners.

For Beckman Coulter's worldwide office locations and phone numbers, please visit Contact Us at [beckman.com](https://www.beckman.com)
2025-GBL-EN-107279-v1

