

# Flow Cytometer - analyzer

## Description

BD FACSVerser (More details)

## Location

Rm510A, Biotech Centre 1

## Features

### Optics (More details)

- Two lasers (Blue & Red), 6 colors detection

488	Green	FITC	Alexa Fluor® 488		
	Yellow	PE	PI		
	Red	7-AAD	PE-Cy5	PerCP	PerCP-Cy5.5
	Infrared	PE-Cy7			
640*	Red	APC	Alexa Fluor® 647		
	Infrared	BD APC-H7	APC-Cy7		



### Fluidics (More details)

- Vacuum based → support 12 x 75-mm tubes made of polystyrene, polypropylene, or K-resin, 15-mL and 50-mL conical tubes, and 1.5-mL microcentrifuge tubes
- Volumetric Flow Sensor for cell counting

### Universal Loader

- Support 30- or 40-tube racks, deep and standard 96-well plates and 384-well plates
- Capable of reading barcode labels on tubes
- Built-in orbital shaker for vortexing samples between acquisitions

### Setup

- Use of QC beads for daily performance quality control check and automatic adjustment of detector to ensure consistent values from day to day experiment

## Applications

- Immunophenotyping and function analysis
- Ploidy analysis
- Cell counting and cell size measurement
- Fluorescent protein expression analysis
- Cell cycle and cell signaling analysis
- Apoptosis analysis

## Contact

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