

BD FACSLyric™ Flow Cytometer

The BD FACSLyric™ is a compact, flexible and high-throughput flow cytometer equipped with up to three lasers (blue, red, violet) and capable of analysing up to 12 fluorescence channels (and 14 parameters). It is designed for both research and clinical applications (depending on configuration), offering automation options (tube & plate loading), standardized workflows and strong performance for rare / dim population detection.



Key Features

Configuration

3 lasers (blue, red, violet) – 12 fluorescence colors / 14 parameters total (A/W/H for all channels + Time)

Lasers (solid-state)

405 nm 40 mW • 488 nm 20 mW • 640 nm 40 mW

Detectors

FSC: photodiode; SSC & fluorescence: PMTs

Max acquisition rate

Up to 35,000 events/s

Sensitivity (typ.)

FITC < 85 MESF; PE < 20 MESF; fluorescence precision < 3% CV (CEN)

Fluidics – sample flow rates

Low 12 µL/min • Medium 60 µL/min • High 120 µL/min • High-sensitivity 50 µL/min



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