

partec

Healthcare | Immunology | Pathology | Microbiology | Cell Biology

ULTRACOMPACT desktop high-end instruments

CyFlow[®] ML



Multilaser 16 Parameter – 13 Colour Desktop Flow Cytometer

Dimensions [cm]: L 56 x H 30 x D 65 (stand-alone)

- _ 16 optical parameters: FSC1, FSC2, SSC, FL1-FL13
- _ up to 5 light sources:
 - 488nm blue solid state laser (200mW, 50mW or 20mW)
 - 635nm red diode laser (25mW)
 - 405nm violet solid state laser (100mW or 50mW)
 - choice of UV, green, and yellow lasers
 - high power UV LED for highest resolution DNA analysis
- _ flexible and modular system configurations

Both feature:

- _ parallel 16bit digital pulse processing
- _ high fluorescence sensitivity :
 - < 100 MESF (FITC) | < 50 MESF (PE)
- _ submicron particle detection (<0.2µm) for scatter
- _ Robby[®] sample autosampler and autoloader option

CyFlow[®] space



3-Laser 9 Parameter – 7 Colour Desktop Flow Cytometer

Dimensions [cm]: L 56 x H 30 x D 65 (stand-alone)

- _ 9 optical parameters - 7 colours: FSC, SSC, FL1-FL7
- _ up to 3 laser light sources:
 - 488nm blue solid state laser (200mW, 50mW or 20mW)
 - 635nm red diode laser (25mW)
 - 405nm violet solid state laser (100mW or 50mW)
 - 375 nm UV laser (16 mW)
 - other lasers optionally available (green, yellow, etc.)
- _ particle and cell sorter upgrade option

- _ 96 well-plate autosampler option
- _ true volumetric absolute counting
- _ Windows[™] Vista/XP FloMax[®] software for realtime data acquisition, data display and data evaluation
- _ automated software compensation (online and offline)

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