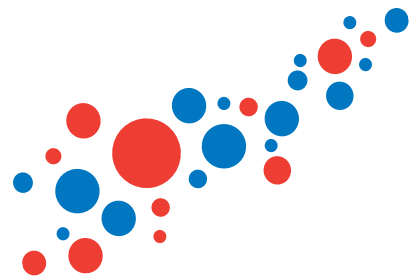
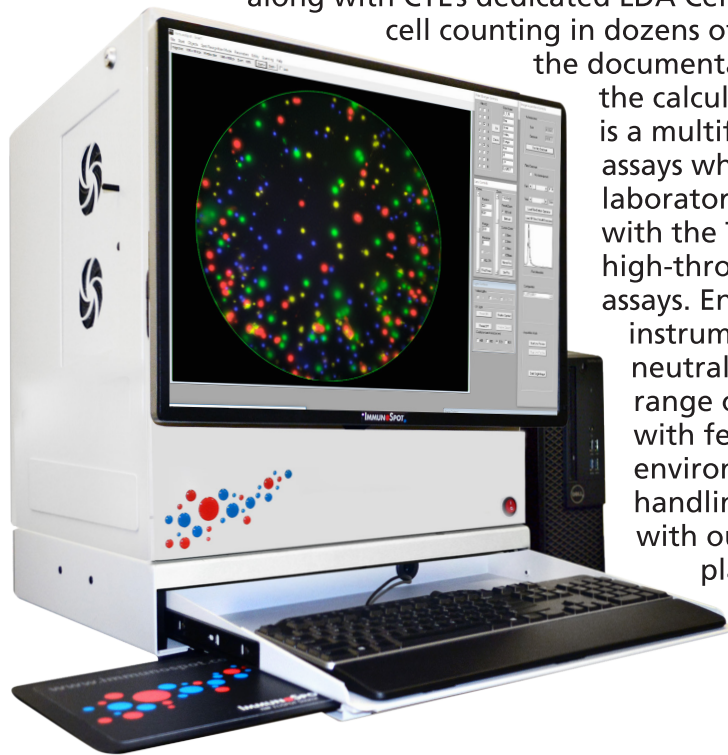


ImmunoSpot® S6 Flex M2



The S6 Flex M2 is a dedicated 4-color FluoroSpot reader, and so much more! It supports ELISPOT/FluoroSpot testing by enabling high-throughput PBMC viability counting, a rate limiting step for testing multiple PBMC samples in ELISPOT assays. The Flex is equipped with optics which, along with CTL's dedicated LDA Cell Counting Suite permits live and dead cell counting in dozens of PBMC samples within minutes, including the documentation of the samples' viability/fitness, and the calculation of resuspension volumes. The Flex is a multifunctional device that supports several assays which are standard in immune monitoring laboratories. Its live/dead cell counting ability, along with the TVA Cytotoxicity Suite, renders the Flex a high-throughput reader for cell-mediated cytotoxicity assays. Enabled by the BioSpot™ Software, this instrument permits automated reading of viral neutralization and infectivity assays in a wide range of well formats. The instrument comes with features supporting work in a regulated environment, and is high-throughput capable, handling up to 400 plates per run when equipped with our automated plate loader.



Strip plates are cost saving when just a part of a plate is being used in an assay. (CTL offers all single and double color enzymatic ImmunoSpot® kits also in 96 well strip format). For reading strip plates, agile auto centering on wells is essential. The S6 Flex, like all other ImmunoSpot® analyzer models as well, excels at such.

Applications

- Single-Color ELISPOT
- Double-Color Enzymatic ELISPOT
- Four-Color FluoroSpot
- Four-Color Fluorescence BioSpot
 - FRNT / FRA
 - PRNT / Viral Titer Assays
 - Bacterial/Yeast/Viral Colony Counting
- Live/Dead PBMC Counting
- Cell-Mediated Cytotoxicity Assays
- Suited for Regulatory Compliance
- Suited for BSL 3/4

Well formats

24, 48, 96, 384, 1536 and Terasaki
Strip plate in 96 well format
(upgradable to rapid 6/Petri)

Included software

- ImmunoSpot® Single-Color
- ImmunoSpot® Double-Color
- Fluoro-X™ FluoroSpot
- BioSpot™
- Image Annotator
- LDA Cell Counting
- TVA Cytotoxicity Suite
- Odense™
- SpotStat™
- SpotMap™
- ExpressQualify™

Advanced components

- Precision stage (0.24 mm stepping)
- Digital area scan camera with image resolution of up to 10 Megapixels
- Computer Interface: USB 3.0
- Integrated Barcode Reader
- Optical Interface: Fixed zoom with manual focus
- Lighting Top: 96 LED Ring (rated for 100,000 operating hours)
- Lighting Bottom: High illumination, uniform luminescent flat light panel
- Lighting Fluorescence: Long Life, Ultra-High Power BLUE, GREEN, VIOLET
- Excitation Filters: 405nm, 480 nm, 570nm
- Emission Filters:
 1. 440 nm: DAPI, Alexa Fluor® 405, Pacific Blue™, CF™ 405, Po-Pro™, Sytox™ Blue
 2. 520 nm: FITC, AO, CFSC, Alexa Fluor® 488, GFP, sfGFP, Sytox™ Green, Yo-Pro™
 3. 580 nm: PE, Cy3, TRITC, Sytox™ Orange, dsRed, mRuby2
 4. 625 nm: PI, mCherry, Alexa Fluor® 594
 5. 690 nm: PE-Cy5, PerCP, PE-AF680, PerCP-Cy 5.5
 6. Empty
 7. Empty
 8. Open for ELISPOT



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