AID GmbH
Ebinger Str. 4
D-72479 Strassberg
Tel +49 7434 9364 0
Fax +49 7434 9364 40
info@aid-diagnostika.com
www.aid-diagnostika.com

AID *multi*Spot (MSR08)

The multifunctional imaging device from AID

The **AID *multi*Spot** fulfills probably all needs in a modern immunology lab. Equipped with a combined EliSpot/FluoroSpot module for counting and interpreting enzymatic as well as fluorescent EliSpot assays this device also comes with an automated microscope. This unit is provided with 4x, 10x and 20x software controlled objectives, allowing for a simple switch between different magnifications.

The stage handles 96 and 384-well plates, up to 4 conventional slides or classical Terasaki plates. The software is adapted to FluoroSpot/EliSpot assays, HEp-2 screening, Cell Counting, HLA-screening and many more applications.

Key features of the AID *multi*Spot

- EliSpot, FluoroSpot, Cell Viability Tests, HLA-screening, HEp-2 screening, other applications on request
- Digital Firewire Camera, 5 and 2 megapixel, color, optimized for fluorescence imaging
- LED ring illumination, two XBO light sources, 3&1 filter wheel, 4x, 10x and 20x objectives on a software controlled objective changer (other objectives on request)
- 3 narrow-band hard coated fluorescent filters on board; FITC, Cy3 and Cy5. Others on request
- Optimized for 1-, 2- and 3-color fluorescent analysis
- Controlled by a high-end PC; 24” 16:9 screen
- Max. 750 mA @ 24 V DC
- CE, DIN EN ISO 9001, DIN EN ISO 13485 certified
- Manuals, videos and interactive help files included

AID GmbH
Ebinger Str. 4
D-72479 Strassberg
Tel +49 7434 9364 0
Fax +49 7434 9364 40
info@aid-diagnostika.com
www.aid-diagnostika.com

AID *multi*Spot (MSR08) - Technical Specifications

Hardware	
PC system	High-end PC with Intel Core i7 processor, 8 GB RAM, ≥ 1 TB hard disk 24" 16:9 screen
Fluorescent filter set and control	3 narrow-band hard coated filters on board, 4 positions filter/LED changer; Quadset DAPI/FITC/Cy3/Cy5 (Microscopic application)
Fluorescent imaging	"FluoroAID", AID's image overlay technology
Illumination	Evenly spread, long life LED ring and 2 external Xenon light sources
Camera resolution and control	2 megapixel, optimized for fluorescence imaging, firewire-connected (EliSpot/FluoroSpot application) 5 megapixel (Microscopic application), 4x, 10x and 20x objectives (others on request), software controlled objective changer
Power input	Max. 750 mA @ 24 V DC
Footprint	430x430x360 mm (Peripherals not included)
Software	
Operating system	Windows 7 or 10 Professional (64 bit)
AID Software	AID EliSpot V7.x, AID *cyto*Spot V2.x
MS Office Version	MS Office 2010 Professional or higher
Additional software solutions	AID EliStat, AIDiagnostics
Plate formats and assays	
Applicable assays	EliSpot, FluoroSpot, Viral Plaque Assays, Neutralization Assays, Cell Counting Cell Viability Tests, Apoptosis Assays, HLA-screening, PAP smear. Others after consultation
Plate formats	96 and 384-well plates, Terasaki plates, glass slides
Certifications/ Validations	
DIN EN ISO 13485:2012 + AC:2012	Yes
DIN EN ISO 9001:2008-12	Yes
DIN EN ISO 14971:2013-04	Yes
DIN EN 62304 (VDE 0750-101):2013-10	Yes
EN 61010-2-101:2002	Yes
DIN EN 62638:2010 -08 (VDE 701/702)	Yes
DIN EN 61326-2-6 (VDE 0843-20-2-6): 2006-10	Yes
CE	Yes
FDA 21 CFR Part 11	After consultation
Miscellaneous	
Software licenses	2 additional software licenses included
Time demand for complete analysis	≈3 min for a 96-well enzymatic plate, ≈10 min for a FluoroSpot plate
Maximum number of fluorescent filters	3
Warranty	2 years warranty, Service and Preventative Maintenance Contracts available
Delivery schedule	4-6 weeks after ordering
Installation & on-site training	Included in quoted price