# ImmunoSpot<sup>®</sup> S6 Macro<sup>®</sup>M2



This model's optical resolution is designed for white light image analysis in the macroscopic spectrum. It has been an industry leader for colony counting in larger well formats; however, it's motorized zoom optics also



extend the field of analysis to 96-well plates. Colonies of up to 12 different colors can be differentially counted in larger well formats. The S6 Macro M2 is high-throughput capable – up to 400 plates per run when equipped with our automated

plate loader. It is specifically designed for regulated or academic visible light analysis, supporting 21 CFR part 11 compliant workflows.

### **Included software**

- ImmunoSpot® Single-Color
- ImmunoSpot® Double-Color
- BioSpot<sup>™</sup>
- Image Annotator
- Odense<sup>™</sup>
- SpotStat<sup>™</sup> SpotMap™
- ReagentTracker™
- ExpressQualify<sup>™</sup>

## **Applications**

- Single and Double-Color ELISPOT
- Viral Infectivity and Neutralization Assays, e.g.: -FRNT / FRA -PRNT / Viral Titer Assays
- Bacterial and Yeast Colony Counting • 12 Distinct Visible Light Color Planes
- FLISA
- Nucleic Acid & Protein Quantification
- Visible Array Analysis

**Dimensions** 

(23" x 22" x 22"); 45.36 kg (100 lb) Data Processing Unit (H x W x D); (Weight): 29cm x 9cm, 29cm; (11.4" x 3.7" x 11.5"); 4.99kg (11lb)

Imaging Unit (H x W x D); (Weight): 58.4 cm x 56 cm x 56 cm;

### Well formats

6, 12, 24, 48 and 96 well plates Strip plate in 96 well format (Upgradable to all Petri dish formats)

### **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: Motorized zoom and focus
- Lighting Top: 48 LED Ring (rated for 100,000 operating hours)
- Lighting Bottom: High illumination, uniform luminescent flat light panel



Cellular Technology Limited • 20521 Chagrin Blvd. • Shaker Hts., OH 44122-5350 USA +1 216-791-5084 Phone • +1 888-791-4005 Toll Free US • +1 216-751-1373 Fax kits@immunospot.com • www.immunospot.com

CTL-Europe GmbH • Hans-Boeckler-Str. 19-29 • 53225 Bonn, Germany +49 (0) 228 8544 78-0 Phone • +49 (0) 228 8544 78-22 Fax ctl-europe@immunospot.eu • www.immunospot.eu

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