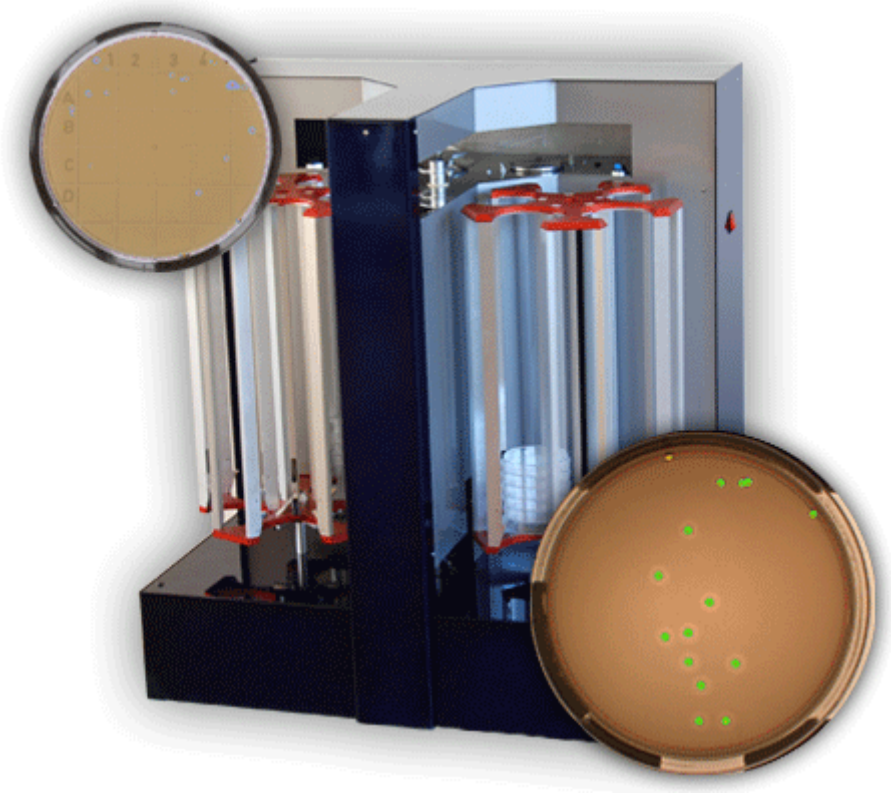
AUTOIMMUN DIAGNOSTIKA GMBH

Ebinger Str. 4
D-72479 Strassberg
Tel. +49-7434/9364-0
Fax +49-7434/9364-40
info@elispot.com

Features of the AID Colony counter



AUTOIMMUN DIAGNOSTIKA GMBH
Ebinger Str. 4
D-72479 Strassberg
Tel. +49-7434/9364-0
Fax +49-7434/9364-40
info@elispot.com
www.colony-counter.com

Features of the AID Robotic Colony Counter

Hardware related

- Physical seperation of negative and positive plates according to user-defined counting thresholds
- Two-sided run for real-time growth monitoring (optional in a 37°C chamber)
- Up to 160 plates in one run (depending on plate sizes)
- Time demand: max. 350 plates per hour
- Barcode reader

Software related

- Counting of pour-, surface inoculated- and spiral-plates
- Seperation of negative and positive plates according to user-defined counting thresholds
- Automatic and manual differentiation of colonies according to size, colour, shape and other parameters
- Manual counting with Touchscreen technology
- Grid removal algorithm on contact plates
- Pre-and Post-incubation counting mode to facilitate removal of unwanted background objects
- Sets of different algorithms (e.g. Staphylococcus auto recognition)
- User definable counting rule generator and prefixed rules (e.g. APC-counting)
- Integrated quality control module
- User defined export to Laboratory Information Management System (LIMS), MS Excel and txt-format
- Import from external sources such as LIMS

AUTOIMMUN DIAGNOSTIKA GMBH
Ebinger Str. 4
D-72479 Strassberg
Tel. +49-7434/9364-0
Fax +49-7434/9364-40
info@elispot.com
www.colony-counter.com

Features of the AID Colony counter

- Open-ended database
- Three User level (Administrator, Advanced User, User)
- Barcode generator tool, barcode reader
- Laboratory customized result sheet display
- Manually counting or fully automated counting
- Software controlled and user specific Light-, Camera- and Count-settings
- Validated for use in QC-labs
- Software wizard to facilitate working
- "Colony Counter" and "Zone sizer" software modules
- Digital zooming
- Original BacSpot™ real-time algorithms for precise colony recognition and counting
- Count accurately even thousands of colonies
- Plate history and audit trails
- Fully compliant with FDA 21CFR part 11
- Complies with GLP (Good Laboratory Practice

AUTOIMMUN DIAGNOSTIKA GMBH
Ebinger Str. 4
D-72479 Strassberg
Tel. +49-7434/9364-0
Fax +49-7434/9364-40
info@elispot.com
www.colony-counter.com

Features of the AID Colony counter

Camera	Firewire color camera
Resolution	High quality 1,3 megapixel
Colony resolution	0,1mm up to 0,07mm
Illumination	Long life high quality LED light!
Power input	110/220 volts
Dimensions	800x950x500mm
Weight	35kg
PC connection	USB, Firewire
PC control unit	High-end Intel™ PC
Plates per hour	~200-350
Measurement time per plate	1-5sec
Max colonies per plate	up to 50000
Max. plates per run	160
Printer	High quality photo printer
Barcode	Integrated, automatic
Screen	19" Touchscreen
Software	Colony counting software, Zone measurement software on demand