

7- Full Robotic Plate Handling

True one push button operation with no need to stand next to the counter.

80 plates are counted in 20 minutes from an interchangeable carousel.

Compact footprint with a quiet operation.



HOW TO ORDER:

Cat. No. 4300 PLATE HANDLER Main Unit

Cat. No. 4305 Hand for COUNTERMAT FLASH

Cat. No. 4669 Base for COUNTERMAT FLASH

Hardware Requirements

CPU: Minimum: Intel Pentium 4 2.4GHz Recommended: Intel Pentium 4 2.8GHz or higher

RAM MEMORY: Minimum: 512Mb Recommended: 1024Mb or more

HARD DISK: >2 Gb

GRAPHICS CARD: Minimum: Any with at least 64Mb of Video Memory

Recommended: Any with at least 128Mb of Video Memory

DVD DRIVE: Capable to run - DVD or + DVD (Dual Drive)

HUMAN INTERFACE DEVICES: Keyboard and Microsoft Mouse or compatible pointing device (Including Tablet PC Touchpanels)

COMMUNICATIONS: One MAINBOARD USB2 Free Port (Using ICH4, ICH5, ICH6 South Bridge) One RS-232 free Port or one free USB Port with an RS-232 Adapter

Software Requirements

Microsoft Windows® XP (SP1) or Windows® 2000 (SP4)

Microsoft DirectX® 8.1 or higher

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IUL Instruments introduces the COUNTERMAT SYSTEM - the first colony counter that grows and adapts to your specific micro lab needs...

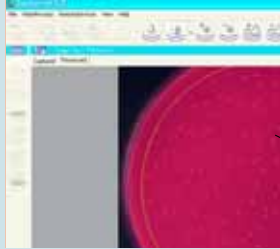


... can be upgraded at any time to fit the level of automation, security and features required.

Take a look at the seven possible configurations for the COUNTERMAT SYSTEM

1- Basic Automatic Colony Counter

For counting Pour and Spiral plates in 1 sec.
Every count under control: add or eliminate colonies with one click on the screen.
Delete an area by a simple draw with the mouse or with the touch screen pen
Optimize detection with a single bar.
Affordably priced.



HOW TO ORDER:

Cat. No. 6010 "Flash and Go"

NOTE: Software prepared and recommended for Windows XP Tablet Edition.

2- Advanced Automatic Colony Counter

Includes all the features of the Basic model plus pre-defined programs.
Customization of Colony Discrimination to cope with particles and to guarantee accurate counts, based on size sensitivity, shape and color.
Recommended upgrade for labs involved in a repetitive activity with a need for pre-defined programs.



HOW TO ORDER:

Cat. No. 6011 Upgrade "Flash and Go" to Advanced Countermat Flash

3- Advanced Inhibition Zone Measuring

Includes all the features of the Basic model plus automatic measurement of inhibition zones.
Identifies antibiotic disks and zone size around each disk, recording the correspondent diameter.
Reads up to eight disk plates in seconds, achieving throughputs of hundreds of plates in an hour.
Interactive options to eliminate or



HOW TO ORDER:

Cat. No. 6012 Upgrade "Flash and Go" to Advanced Inhibition Zone Measuring

4- User Permission Administration



Includes all the features of the advanced model plus the administration of different user security and permission levels
Necessary if the technician makes automatic counting without an authorization to make setting changes.
Maintains separate spreadsheets for various users.
Defines specific work environments

HOW TO ORDER:

Cat. No. 6013 User Permission Administration Package

5- Process Selection Automation



Includes all the features of the advanced model plus automatically recognition of a plate and applying the correct reading protocol by barcode.
The command of the Process to be applied at each plate can be acquired from a previously defined Work Sheet or from a Laboratory Database.

HOW TO ORDER:

Cat. No. 6014 Process Selection Automation Package

6- Secure Information Management System



If your instrument must be fully integrated in your LIM System, complying with CFR21 Part 11 regulations, the Instrument Information Management System (I2MS) software, from IUL, will connect your instruments and your LIMS. With the IUL I2MS package and Process Selection Automation, all your Secure Work will be controlled, its results collected and any incidences audited in an integrated data base that can be extended to support all your lab instruments.

HOW TO ORDER:

Cat. No. 6015 Secure Information Management System Package

