## PC RECOMMENDED REQUIREMENTS

The PC hosting FLASH & GO must comply with some minimum requirements to support both the Flash software, and the Image Capture hardware and software:

- Pentium IV, 1.7 GHz Processor or higher .
- Windows XP updated  with last versions of DiretcX and Dot Net utilities or Windows Vista (x32 Edition).
- 1024 Mbytes ram memory or higher, available for the application.
- 500 Mbytes free, after all the operational system updates are installed.
- CD-ROM disk drive
- The unit need:
  - 1 USB 2.0 and 1 RS232
  - 2 USB 2.0

## TECHNICAL SPECIFICATIONS

| | |
|---|---|
| • Reflected Lighting: | Ring of 54 white LED. |
| • Transmitted Lighting: | Two High Flux LED. |
| • Background field: | Dark or Bright. |
| • Imaging device: | CMOS with fixed focus lens. |
| • Image field: | 97x97 mm. |
| • Minimum colony size: | 0.06 mm. |
| • Image capture: | True color, 24 bits per pixel. |
| • Image resolution: | 1536x1536 pixels. |
| • Mains: | 100/240 V AC, 50/60 Hz |
| • Power Consumption: | 40W. |
| • Operating Temperature: | 5℃ to 40℃. |
| • Operating Relative Humidity: | 10% to 90%. |
| • Dimensions (WxHxD): | 18x36x22 cm. |
| • Weight: | 5.4 Kg. |

Specifications subject to change without notice

## ORDERING INFORMATION

|  | Cat. No. |
|---|---|
| FLASH & GO, Automatic colony counter for pour plates and any type of spiral spreading. Complete instrument with centering holder for different Petri dishes size. Software to count colonies in any media. With USB 2.0 high resolution camera to be connected to an external PC. The PC is not included. To run the instrument also monitor, keyboard, and mouse are needed. A notebook with 2 USB 2.0 port can also be used. | 6010 |
| Upgrade advanced automatic colony counter | 6011 |
| Upgrade advanced inhibition zone measuring | 6012 |
| Upgrade user permission administration | 6013 |
| Upgrade process selection automation | 6014 |
| Plate Handler | 4300 |
| Hand for Flash & Go | 4888 |
| Base for Flash & Go | 6082 |

Contact us in internet.

To see how the instruments works in a multimedia demonstration, to buy instruments, accessories or consumables on-line visit our web page:

## www.iul-inst.com

The IUL instrument owners who are registered in our web will have access to extra services like example of microbiology applications with our instruments, software updates, direct technical service and more.
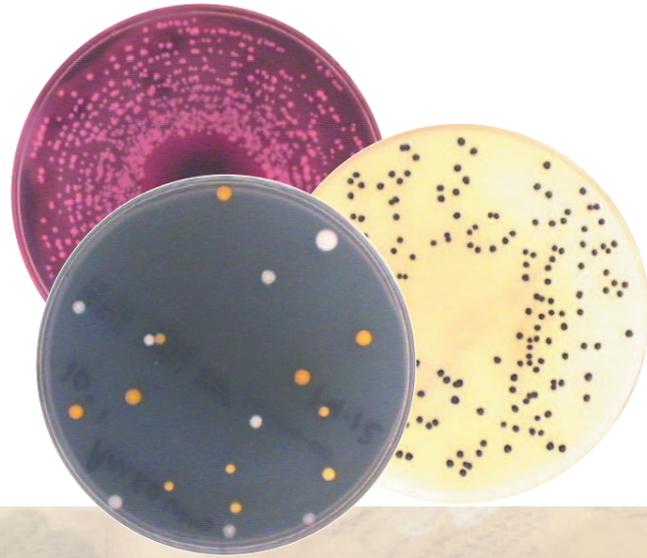
6146R03  Mar09

Information

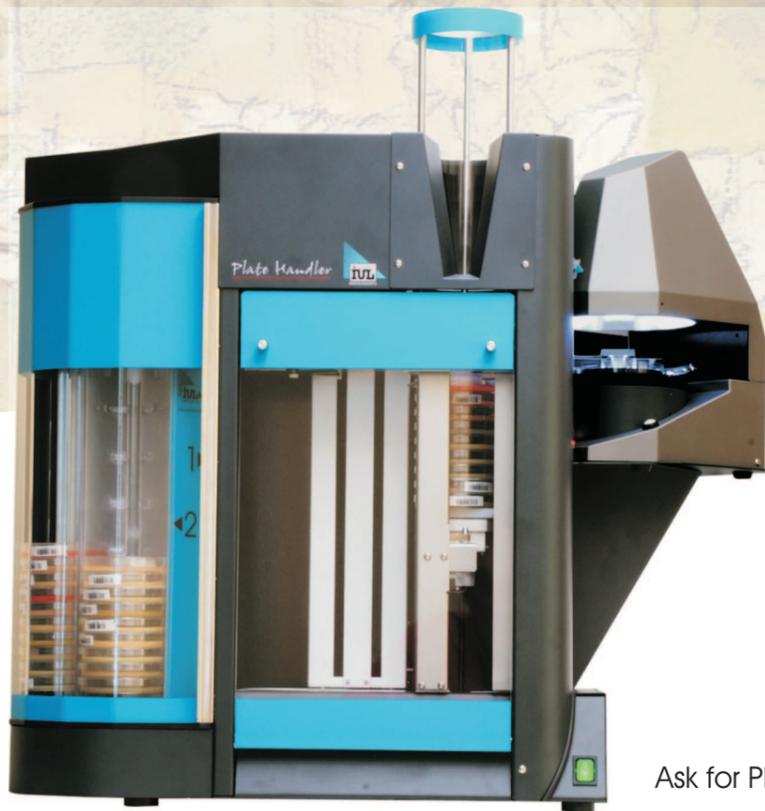# FLASH & GO

INSTRUMENTS

www.iul-inst.com

## All kinds of colonies......

doesn't matter what kind of colonies are you counting, the instrument comes with a high definition colour camera which detects colonies of 1/450 inch aprox.

## ......In different media types can be counted

The Flash unit has a new illumination device. The illumination of the plate is done through a reflection ring. The background can be black or illuminated in order to count colonies by transparency.

## Automation, Connectivity and use of the information

Flash & Go is an instrument to be used in conjunction with an auto sampler: the Plate Handler. All the information generated by the Flash such as recount results or Petri dish images can be exported to any software like data base, spread sheets or word processors.
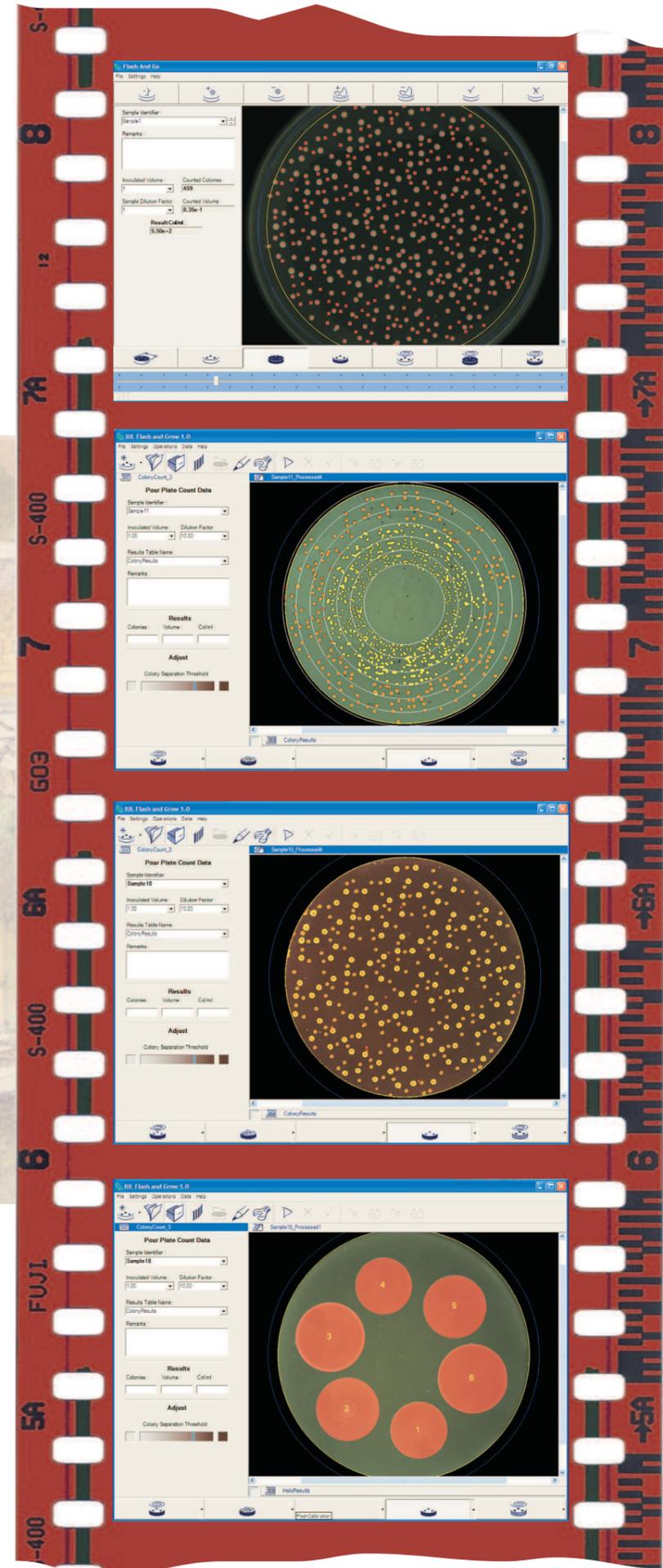
Ask for Plate Handler specific leaflet.

The basic software allows to count up to six different types of colonies / media.

The counting the analysis of spiral spreading petri dishes can be archived by the basic or upgrade software.

The upgrade automated software is used to define programs taking in account colours of colonies.

A specific software to measure the size of inhibitions zones can be acquired separately.

Features and operation