Scan® 500 & 1200 Automatic colony counters

Scan® 500 and 1200 are high-technology automatic colony counters.
They have a built-in digital camera and connect to a PC thanks to a powerful but user-friendly software that can count colonies in less than a second and offer quick, complete and precise results.
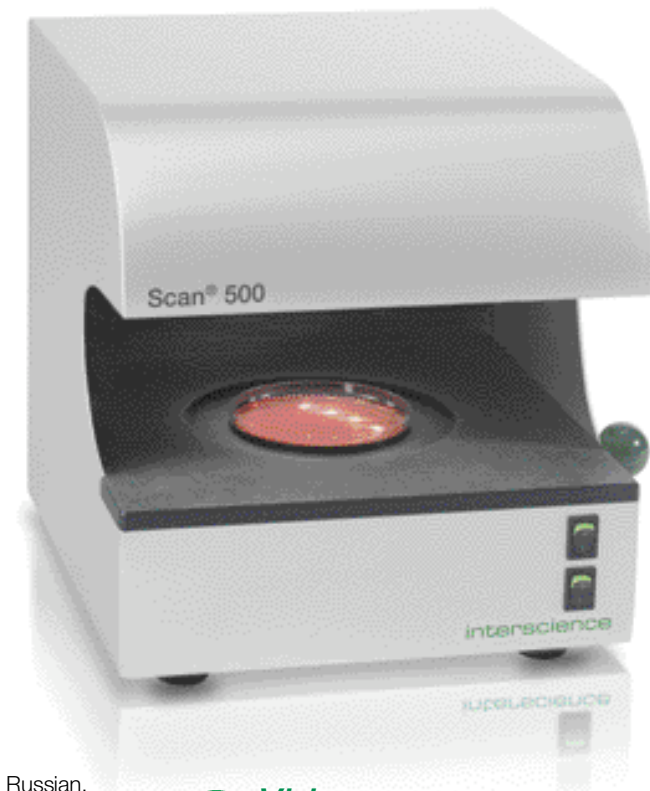
Applications

- Food, agricultural, pharmaceutical, medical, environmental microbiology
- Automatic colony counting on plated Petri dish:
  - on Spiral®, spread and pour plates
- Automatic colony counting of plated colonies:
  - on Petri Film® and RIDA® count/Sanita-kun®
  - on filtering membrane

Specifications

- Firewire CCD color camera (640 x 480 pixels)
- Lighting with long-life LEDs
- All stainless steel
- 6 combinations of lighting and background color
- Brightness, contrast and sensitivity are automatically optimized by the software
- Automatic correction of any defect on the plate: adapts itself to any kind of agar
- Minimum colony detection size 0.1 mm
- Automatic separation of clustered colonies
- Creation of polygonal exclusion areas

- Clear and precise visualization of the results: Counted colonies are marked with a cross
- Zoom in and out on the image
- Automatic elimination of the grids
- Traceability:
  Saving of each counting with screenshots of the plates for recounts
  Connection LIMS and bar-code reader
- Export of the results towards Excel
- Software in French, English, Japanese, Chinese, Russian.

@ *Video*
www.interscience.fr

Delivered with: CD-ROM of the Scan® 500 software / Firewire PCI card
Minimum requirements: Windows™ XP or Vista™ with Firewire connection (or free PCI slot).

Technical specifications

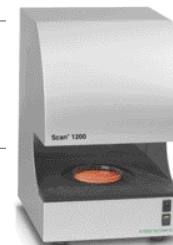| Scan®	500	1200
Resolution	640 x 480	1280 x 960
Power	220 / 110 V - 50 / 60 Hz	220 / 110 V - 50 / 60 Hz
Dim. (L x l x h)	27 x 27 x 29 cm	27 x 27 x 38 cm
Weight	6,6 kg	8,7 kg
Reference	436 000	512 230

Options

Base for RIDA® count/
Sanita-kun®
réf. 436 001

Base for Petri Film®
réf. 436 002

Bar-code reader
réf. 522 000

Scan® 1200
High Resolution

New

✓ *High performance*
✓ *User-friendly and simple software*
✓ *Efficient: only one cursor to optimize*
✓ *Quick: instant counting*
✓ *Customized parameters according to the agar*
✓ *Excellent repeatability and reproducibility*

Scan® software

Scan® 500 and 1200 colony counters works with a unique software developed by **interscience**. **In one click, detected colonies are highlighted, marked with a cross and counted. To ensure traceability, results are immediately saved and can be re-checked anytime.**

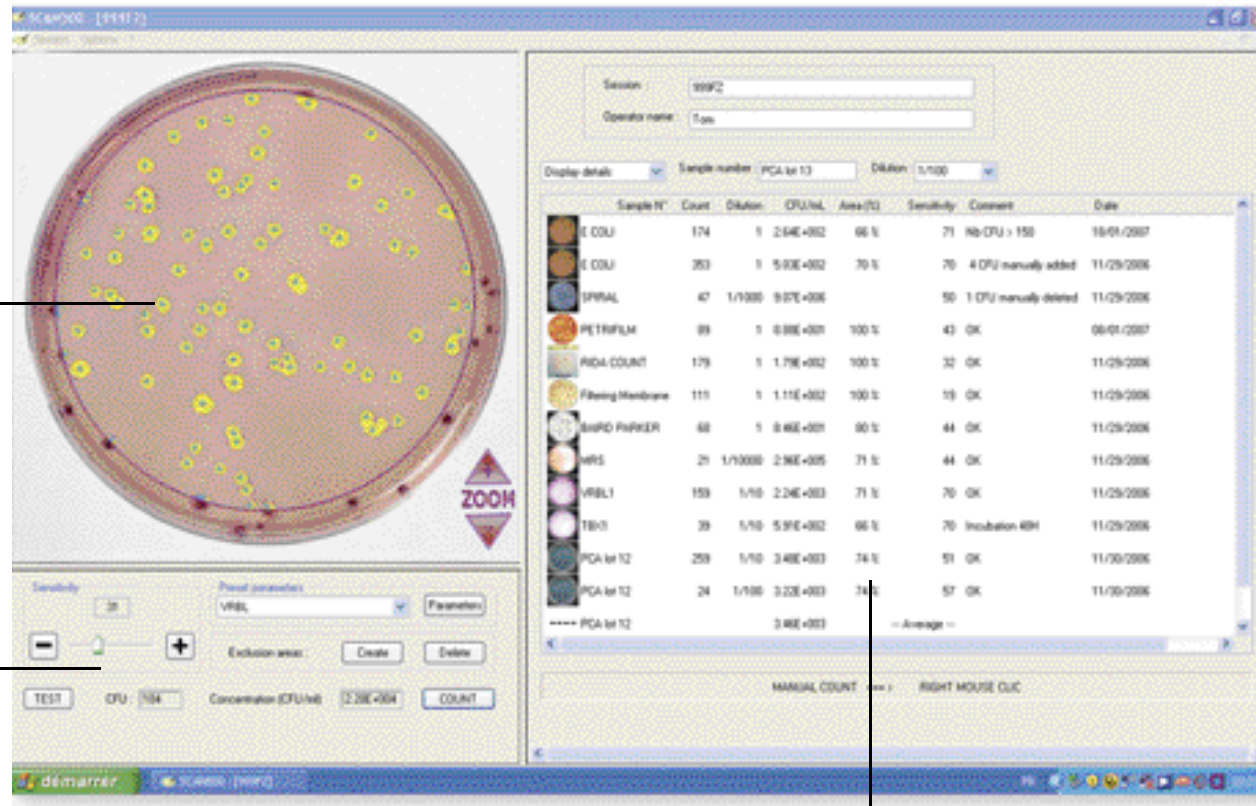Scan® software is available in French, English, Japanese, Chinese, Russian.

1

Visualisation window

Detected colonies are high-lighted and marked with a cross.

2

Parameters window

Only one cursor to optimize counting. Customizable settings adaptable to any kind of agar.

3

Results window
All previously recorded data can be checked again.

● *see technical note p.25*

Colony counter