

## Scan® 500

Automatic colony counter

Ref 436 000



Standards:



Traceability and High technology:



Manufactured under:



Scan® 500 is an automatic color colony counter providing quick and efficient counting of the colonies on the most common supports. Scan® 500 guarantees an excellent reproducibility and the automatic saving of images and results.

### TECHNICAL SPECIFICATIONS

- All stainless steel body
  - CMOS color camera
  - M12 lens
  - Zoom x28
  - Resolution: 1 megapixel
  - Counting time: up to 1000 colonies per second
  - Minimum size of colony: 0.1 mm
  - Lighting technology: long-life white LEDs / Dark Field
  - Lighting system: automatic 6 combinations, top and/or bottom light, white or black background
  - Counting: automatic with manual control
  - Counting Petri dishes Ø 55 - 90 mm
  - Counting on pour plating
  - Counting on surface plating
  - Counting on Spiral® plating
  - Counting on circle plating
  - Counting on chromogenic dishes
  - Inhibition zone reader
  - Automatic separation of clustered colonies
  - Export of data to printed report, PDF, jpg, png, bmp, Excel™ recountable session
  - Color detection: 7 colors on the same dish + 1 color to exclude
  - Creation of polygonal exclusion zones
  - Manual control to add or subtract colonies
  - LIMS connection
  - USB connection
  - Compatible with DataLink™ traceability system
  - Data security: modified data traceability in conformity with 21 CFR part 11 / Connexion with LIMS/SIL systems
  - Results/traceability: image / sample number / /comments / date / time
  - Languages: French, English, Japanese, Chinese, Russian, Spanish, German
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- Voltage and frequency: 100-240V~ 50-60Hz
  - Max power: 20 W
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- Dimensions (w x d x h): 28.5 x 26.5 x 29 cm, weight: 8.4 kg
  - Box (w x d x h): 50 x 40 x 40 cm, weight: 11 kg

- 3-year warranty
- Software update: 3 year
  
- In compliance with: 21 CFR part 11, ISO 7218 and AOAC 977.27
- Manufactured under CE, RoHS, WEEE
- Designed and made in France

## MINIMUM COMPUTER REQUIREMENTS

- Processor: (quad core recommended) Intel i3 or i5 or i7 or AMD FX 6000 or superior
- Operating system: Windows™: Seven™ (Service Pack 1) or 8 or 10
- Frequency: 2.4 Ghz or superior
- RAM: 4 Go or superior (8 Go recommended)
- Equipment: 2.0 USB port
- Screen: 1280 x 1024 pixels or superior
- Graphic card: AMD ou NVIDIA (chipsets are not recommended)

## DELIVERED WITH

- 1 Scan® software
- 1 15 V power supply
- 1 connection cable
- 3 control dishes
- 1 user's manual

## OPTIONS / ACCESSORIES

- **Ref 410 100** DataLink™: Full traceability system for Petri dishes, from plating to counting with label edition
- **Ref 410 120** **Sticker for printer:** Labels roll for thermal printer - Lable size: 45 x 10 mm
- **Ref 436 005** **Adaptor for Petri dish (55 mm):** Adapter for dishes of Ø 55 mm for Scan® 300/500/1200
- **Ref 436 100** Computer (Dell desktop with Windows 7 or 8 or 10 and Scan® software installed)
- **Ref 522 000** **Bar-code reader:** Bar-code reader