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Scan® 500

Automatic colony counter

Ref. 436 000

Scan® 500 is an automatic color colony counter that offers quick and traceable counting results. Equipped with a digital camera and a powerful software, it connects to a PC via USB connection. Widely used in food microbiology, it counts colonies, mesures antibiograms and automatically saves all data, images and results.

In compliance with CFR 21 part 11, EUCAST, CA-SFM, ISO 7218, ISO 4887-2

TECHNICAL SPECIFICATIONS

- All stainless steel body
- CMOS color camera
- Lens M12
- Digital zoom x28 (enabling to read the letters on the disks)
- Resolution : 1 mega-pixels
- Counting time: 1000 colonies per second
- Minimum size of colony: 0.1 mm
- Lighting system: 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
- Results / data export: Scan® recountable file, PDF report, jpeg, png, bmp, Excel™
- LIMS connection
- USB connection
- Counting on Petri dishes (55 - 90 mm)
- Spiral® plating
- Color detection: 7 colors on the same dish
- Counting on chromogenic medium
- Inhibition zone measurement

- Automatic separation of confluent colonies
- Automatic elimination of counting grids
- Polygonal exclusion areas

- Automatic detection of paper disks (all brands simultaneously), wells, peni-cylinders (steel, plastic), customizable, add/substract manually
- Inhibition zone reader : automatic with possible manual check-up
- Number of antibiotic paper disks: up to 8 antibiotics on a 90 mm Petri dish
- Reading time: 8 inhibition zone reading in 1 - 3 seconds

- Interpretation system : CA-SFM Human health / EUCAST / CA-SFM Veterinary / customizable list
- Security of data: saving of all changes in compliance with CFR 21 recommendations /
- Results / Traceability : image / sample number & antibiotic name / bacteria name / read diameter / result with category SIR by color code (Sensitive / Intermediate / Resistant) / critical diameter mini and maxi /comments / date / time

- Software available in french, english, spanish, japanese, chinese, russian

- Power : 100-240V~ / 50-60Hz
- Dimensions : (W x D x H) : 28 x 27 x 29 cm, weight : 8.3 kg
- Box : (W x D x H) : 42 x 42 x 56 cm, weight : 13 kg

- Guarantee (after registration): 3 year
- Software update (after registration): 3 year

- In compliance with CFR 21 part 11, EUCAST, CA-SFM, ISO 7218, ISO 4887-2
- Designed and made in France
- Manufactured under: ISO 9001 V2008, CE, WEEE 2002/96/EC, RoHS 2002/95/EC standards

MINIMUM COMPUTER REQUIREMENTS

- Processor : Intel (recommended)
- Operating system : Windows 7 SP1 or Windows 8 or superior
- Frequency : 2,4 Ghz or superior
- RAM : 2 Go
- Features: CD ROM reader, USB port
- Screen resolution: 1280 x 1024 pixels

DELIVERED WITH

- Scan® software on CD-ROM
- Connection cables
- 3 control dishes
- User's manual, IQ/OQ/PQ guidelines

OPTIONS/ACCESSORIES

- Ref. 436 001   DataLink™, traceability system
- Ref. 436 005   Adapter for 55 mm dishes
- Ref. 436 100   Computer (Dell desktop with Windows 7 or Windows 8(GB), with program installed)
- Ref. 522 000   Barcode reader