

	<p><b>Scan<sup>®</sup> 4000</b> <b>Automatic HD colony counter</b></p> <p style="text-align: right;"><b>Ref. 438 000</b></p> <hr/> <p>Scan<sup>®</sup> 4000, automatic HD colour colony counter is adapted to all Petri dish sizes and all media. Its indirect lighting system ensures great user comfort, high accuracy and excellent reproducibility.</p> <p>In compliance with CFR 21 part 11, EUCAST, CA-SFM, ISO 7218, ISO 4887-2 standards.</p>
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## TECHNICAL SPECIFICATIONS

- All stainless steel body
  - Color HD CCD camera
  - HD japanese lens
  - Digital zoom x64 (enabling to see the letters on the disks)
  - Resolution: 1.2 mega-pixels
  - Counting: 1000 colonies per second
  - Minimum size of colony: 0.05 mm
  - Lighting equipment: long-life white LEDs / Dark Field
  - Lighting system: automatic with 6 combinaisons, top and/or bottom light, white or black background
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- Counting: automatic with manual control
  - Results: Scan@ file (recountable), PDF report, jpeg, png, bmp, Excel™
  - LIMS connection
  - USB connection
  - Counting on Petri dishes 55 - 150 mm
  - Counting on Spiral® plating
  - Color detection: 7 colors on the same dish
  - Counting on chromogenic medium
  - Counting on PetriFilm™
  - Counting on RIDA™ Count
  - Counting on Compact Dry™
  - Counting on filtration membranes
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- Automatic separation of confluent colonies
  - Creation of polygonal exclusion areas
  - Manual control of adding or removing colonies
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- Inhibition zone reading on 90-100 mm round dishes and 120 mm square dishes
  - Inhibition zone measurement: automatic with manual control
  - Automatic detection of paper disks (all brands simultaneously), wells, peni-cylinders (steel, plastic), customizable, add/subtract manually
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- Maximum number of antibiotics: up to 16 antibiotics on a square 120 mm dish
  - Reading time: mesurement of 16 inhibition zones between 2 and 4 seconds maximum
  - Interpretation system: CA-SFM Human Health / EUCAST / CA-SFM Veterinary / customizable list
  - Security of data: saving of all data changes in compliance with CFR 21 recommendations / Connection to LIMS / SIL systems
  - Results / Traceability: image / sample cumber & antibiotic name / bacteria name / read diameter / result with category SIR by colour code (Sensitive : Intermediate : Resistant) / critical diameter mini and maxi / comments / date / time
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- Software available in english, french, spanish, japanese, chinese, russian
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- Power: 100-240V~ / 50-60Hz
  - Dimensions: (L x l x H) : 47 x 47 x 64 cm, weight: 24,4 kg

- Guarantee (after registration) : 3 years
- Software update (after registration) : 3 years
- In compliance with CFR 21 part 11, EUCAST, CA-SFM, ISO 7218, ISO 4887-2 standards
- Designed and made in France
- Manufactured under: ISO 9001 V2008, CE, WEEE 2002/96/EC, RoHS 2002/95/EC

## **MINIMUM COMPUTER REQUIREMENTS**

- Processor: (quad core recommended) Intel i5 or i7 or AMD FX 6000 or superior
- System: Windows 7 SP1 or 8 or ulterior
- Frequency: 2.4 Ghz or superior
- RAM: 3 Go
- Ports: CD ROM reader, USB port
- Screen resolution: 1280 x 1024 pixels or more
- Graphic card: AMD or NVIDIA (chipsets not recommended)

## **DELIVERED WITH:**

- Scan® software CD-ROM
- Connexion cables
- 3 control dishes
- User's manual, IQ/OQ/PQ guidelines
- Quick user guide

## **OPTIONS/ACCESSORIES**

- Ref. 436 001     DataLink™ traceability system
- Ref. 522 000     Bar-code reader