

	<p>Scan[®] 4000 Automatic HD colony counter</p> <p style="text-align: right;">Ref. 438 000</p> <hr/> <p>Scan[®] 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

