

Scan® 4000

Ref 438 000

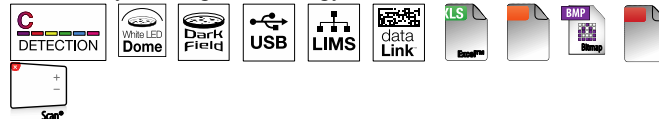
Automatic colony counter ultra-HD



Standards:



Traceability and High technology:



Manufactured under:



Scan® 4000 is an ultra-HD automatic colony counter and inhibition zone reader. Adapted to all sizes of Petri dishes and media, its lighting system guarantees a great user comfort, high accuracy, and excellent reproducibility.

- Counting on pour plating
- Counting on surface plating
- Counting on Spiral® plating
- Counting on circle plating
- Counting on chromogenic dishes
- Counting on PetriFilm™, MC-Media Pads™, Compact Dry™, easyPlate™, filtration membranes
- Automatic separation of clustered colonies
- Creation of polygonal exclusion zones

Inhibition zone reader ultra HD



Additional Standards:



Scan® 4000 is an ultra-HD inhibition zone reader. It has been designed for the pharmaceutical industries, medical research and animal health. Scan® 4000 reads square Petri dishes of 120 mm and round Petri dishes up to 150 mm.

- Inhibition zone reading on round dishes Ø 90-100 mm and 120 mm square dishes
- Inhibition zone measurement: automatic with possibility of manual correction
- Automatic detection: paper disks (several brands simultaneously), wells, peni-cylinder (steel, plastic) with possibility to add or remove manually
- Number of antibiotic paper disks: up to 16 antibiotics on 120 mm square dish
- Reading time: 16 inhibition zone reading between 2 to 4 seconds max
- Interpretation system: EUCAST / CA-SFM Human health / CA-SFM Veterinary / CLSI (Clinical, Laboratory Standards Institute) / customizable list

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- Antibiogram reading accuracy: $\pm 0,2$ mm
- Display resolution: ± 0.1 mm

TECHNICAL SPECIFICATIONS

- All stainless steel body
- Ultra HD CMOS color camera
- Ultra HD japanese lens
- Zoom x 69
- Resolution: 5 megapixels
- white LED Lighting technology: White Dome LED
- Lighting system: automatic 7 combinations, top and/or bottom light, white or black background
- Languages: French, English, Japanese, Chinese, Russian, Spanish, German

- Counting time: up to 1000 colonies per second
- Counting: automatic with manual control
- Manual control to add or subtract colonies
- Minimum size of colony: 0.05 mm
- Display accuracy: $\pm 0,1$ mm
- Autodetection of Petri dish
- Counting on round Petri dishes $\varnothing 55$ to 150 mm and 120 mm square Petri dishes
- Color detection: 7 colors on the same dish + 1 color to exclude
- Results/traceability: image / sample number & antibiotic name / bacteria name / read diameter / result with category SIR by color code / critical diameter mini and maxi / comments / date / time

- Data export to PDF report, jpg, png and bmp images, Excel™ recountable session
- USB connection
- Compatible with dataLink™ or dataLink™ pro traceability system
- LIMS/SIL connection
- Data security: modified data traceability in conformity with 21 CFR part 11

- Voltage and frequency: 100-240 V~ 50-60 Hz
- Fuses: T3.15 A L 250 V 5x20 mm
- Max power: 140 W
- International Protection Marking: IP00
- Dimensions (w x d x h): 46.4 x 46.4 x 63.1 cm, net weight: 25.15 kg
- Box (w x d x h): 80 x 60 x 63 cm, weight: 32.5 kg

- 3-year warranty after warranty card recording
- Software updates: 3 years 3-year warranty after warranty card recording
- Manufactured under CE, UKCA, RoHS, WEEE
- Designed and made in France
- Availability of Spare parts: 10 years
- In compliance with 21 CFR part 11, ISO 7218 and AOAC 977.27

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MINIMUM COMPUTER REQUIREMENTS

- Processor: Intel i5, 2.8 GHz, quad core (or higher)
- Operating system: Windows™ 10 or 11 (or higher)
- RAM: 4 GB for the exclusive use of the Scan®
- Equipment: 1 USB port free (4 recommended)
- Screen resolution: 1280 x 1024 pixels (or higher)

DELIVERED WITH

- 1 Scan® software
- 1 15 V power cord
- 1 USB cable
- 3 validation plates
- 1 user manual

OPTIONS / ACCESSORIES

- Ref 410 100 dataLink™: traceability system for Petri dishes, from plating to counting, using label printing
- Ref 410 120 Stickers for printer: Labels roll for thermal printer - Label size: 45 x 10 mm
- Ref 410 130 Film: Thermal transfer film
- Ref 439 050 dataLink™pro: traceability bundle for Petri dishes, from plating to counting, using label printing
- Ref 439 051 Stickers for printer: Pack of 3 rolls of 2500 adhesive thermal transfer labels - Label size: 5 x 50 mm
- Ref 439 052 Film: Thermal transfer film
- Ref 522 000 Barcode reader

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