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Scan® 4000
Automatic colony counter ultra HD
Ref 438 000

3 YEAR WARRANTY

Standards:

| ISO 7218 | AOAC 977.27 | 21 CFR Part 11 |

Traceability and High technology:

COLOR DETECTION | White LED Dome | Dark Field | USB | LIMS | dataLink | XLS Excel™ | JPG JPEG | BMP Bitmap | PDF Adobe | Scan®

Manufactured under:

| RoHS 2002/95/EC | WEEE 2002/96/EC | CE | MADE IN FRANCE |

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.

TECHNICAL SPECIFICATIONS

- **All stainless steel body**
- **Ultra HD CMOS color camera**
- **Ultra HD japanese lens**
- **Zoom x69**
- **Resolution: 5 megapixels**
- Counting time: up to 1000 colonies per second
- **Minimum size of colony: 0.05 mm**
- **Lighting technology: White Dome LED**
- Lighting system: automatic 7 combinations, top and/or bottom light, white or black background
- Counting: automatic with manual control
- **Counting on round Petri dishes Ø 55 to 150 mm and 120 mm square Petri dishes**
- Counting on pour plating
- Counting on surface plating
- **Counting on Spiral® plating**
- Counting on circle plating
- **Counting on chromogenic dishes**
- **Inhibition zone reader**
- **Counting on PetriFilm™**
- **Counting on MC-Media Pads™**
- **Counting on Compact Dry™**
- **Counting on Medi.CA™**
- **Counting on filtration membranes**
- **Automatic separation of clustered colonies**
- **Creation of polygonal exclusion zones**
- Manual control to add or substract 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**
- LIMS connection
- USB connection
- Compatible with Data**Link**™ 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

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- Languages: French, English, Japanese, Chinese, Russian, Spanish, German

- Voltage and frequency: 100-240V~   50-60Hz
- Fuses: T3.15A L 250V 5x20 mm
- Max power: 140 W

- Dimensions (w x d x h): 47 x 47 x 64 cm, weight: 25 kg
- Box (w x d x h): 60 x 63 x 80 cm, weight: 32 kg

- 3-year warranty
- Software update: 3 years

- 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: Intel i5 or superior, 2.8 GHz, quad core recommended
- Operating system: Windows™ 8 or 10
- RAM: 4 GB (2 GB of RAM must be reserved for the exclusive use of the Scan®)
- Equipment: 3.0 USB port free
- Screen: 1280 x 1024 pixels or superior

DELIVERED WITH

- 1 Scan® software
- 1 connection cable
- 3 validation plates
- 1 user's manuel

OPTIONS / ACCESSORIES

- **Ref 410 100**   Data**Link**®: Full traceability system for Petri dishes, from plating to counting with label edition
- **Ref 410 120**   **Sticker for printer:** Labels roll for thermal printer - Label size: 45 x 10 mm
- **Ref 410 130**   **Film :** Thermal transfer film
- **Ref 522 000**   **Bar-code reader**

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