

Scan® 4000

Automatic colony counter ultra HD

Ref 438 000



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.

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 filtration membranes
- Automatic separation of clustered colonies
- Creation of polygonal exclusion zones
- Manual control to add or subtract 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 DataLink™ 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
- 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: quad core (recommended) Intel i5 or i7 or AMD FX 6000 or superior
- Operating systems: Windows™ : Seven™ (Service Pack 1) or 8 or 10
- Frequency: 2.8 Ghz or superior
- RAM: 8 Go or superior
- Equipment: 2.0 USB port and 3.0 USB port
- Screen: 1280 x 1024 pixels or superior
- Graphic card: AMD or NVIDIA (chipsets are not recommended)

DELIVERED WITH

- 1 Scan® software
- 1 connection cable
- 3 control dishes
- 1 user's manual

OPTIONS / ACCESSORIES

- **Ref 410 100** DataLink®: 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 436 100** Computer (Dell desktop with Windows 7 or 8 or 10 and Scan® software installed)
- **Ref 522 000** **Bar-code reader**