

Scan® 300

Automatic colony counter

Ref 436 300



Standards:



Traceability and High technology:



Manufactured under:



Scan® 300 is an automatic colony counter with the essential features for colony counting on Petri dishes and is specifically designed for environments of food microbiology (PCA, VRBG, MRS...).

TECHNICAL SPECIFICATIONS

- All stainless steel body
- CMOS color camera
- M12 lens
- Zoom x 28
- Resolution: 1 megapixel
- **white LED lighting technology: Dark Field**
- **Lighting system: automatic 6 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
- Minimum size of colony: 0.1 mm
- Counting: automatic with manual control
- Manual control to add or subtract colonies
- Counting Petri dishes Ø 55 - 90 mm
- Counting on pour plating
- Counting on surface plating
- Counting on Spiral® plating
- Counting on circle plating
- Automatic separation of clustered colonies
- Creation of polygonal exclusion zones
- Results/traceability: image / sample number / comments / date / time

- Data export to PDF report, jpg, png or 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**

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- Voltage and frequency: 100-240 V~ 50-60 Hz
- Max power: 20 W
- Fuses: T3.15 A L 250 V 5x20 mm

- International Protection Marking: IP00
- Dimensions (w x d x h): 28.7 x 27.1 x 28.9 cm, net weight: 8.42 kg
- Box (w x d x h): 50 x 40 x 40 cm, weight: 11 kg

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

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®
- Equipments: 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
- 2 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 436 005 Adaptor for Petri dish (55 mm): Adaptor for Ø 55 mm-dishes on Scan® 300 / 500 /1200
- 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 Bar-code reader: Barcode reader