

Scan 300

Automatic colony counter

Ref. 436 300



Standards:



Traceability and high technology:



Manufacture:



Scan 300 is an automatic colony counter that includes the essential features for Petri dish counting. It is specifically adapted to the usual media in food microbiology: PCA, MRS...

OVERVIEW

- Painted stainless steel shell
- LIMS/SIL connection
- USB connection
- Available with dataLink / dataLink pro traceability system
- Counting on pour, surface, Spiral and circular plated Petri dishes
- Automatic counting

COUNTING

- Counting: automatic with manual control (add or remove colonies)
- Automatic separation of clustered colonies
- Creation of polygonal exclusion zones
- Counting time: up to 1000 colonies per second
- Minimal size of colony: 0.1 mm

SPECIFICATIONS

- CMOS color camera
- M12 lens
- Zoom x 28
- Resolution (megapixels): 1
- White LED lighting technology: Dark Field
- LED lighting system: Automatic with 6 combinations, top and/or bottom light, white or black background
- Petri dish sizes: Ø 55 mm - Ø 90 mm
- Supply voltage and frequency: 100-240 V~ 50-60 Hz
- Fuses: T3.15 A L 250 V 5x20 mm
- Max. power: 20 W
- International protection marking: IP00
- Warranty: 3 years (after recording the warranty card)
- Spare parts availability: 10 years
- In compliance with 21 CFR part 11, ISO 7218 and AOAC 977.27

SOFTWARE

- Languages: English, French, Japanese, Chinese, Russian, Spanish, German
- License type: Perpetual
- Software updates: 3 years excluding qualification (after recording the warranty)
- User account management: Local or LDAP

TRACEABILITY

- USB Data export: Recountable session, Excel™, PDF report, jpg, png and bmp images
- Data security: Modified data traceability in conformity with 21CFR Part 11
- Results/traceability: Image / sample number / comments / date / time

PC MINIMUM REQUIREMENTS

- Operating system: Windows™ 10 or 11
- Processor: Intel i5, 13th or 14th generation minimum
- RAM: 4 GB for use of the Scan
- Features: USB port free
- Screen: 1280 X 1024 pixels or higher

WEIGHTS & DIMENSIONS

| | |
|-------------------------|-----------------------|
| Dimensions (w x d x h): | 28.7 x 27.1 x 28.9 cm |
| Net weight: | 8.42 kg |
| Gross weight: | 12 kg |
| Box (w x d x h): | 50 x 40 x 40 cm |

DELIVERED WITH

- 1 Scan software
- 1 115V power supply
- 1 power supply
- 1 USB cable
- 2 validation plates
- 1 user manual
- 1 conformity certificate / warranty card

MANUFACTURING

- CE, UKCA, ROHS, WEEE certification
- Designed and made in France
- GLP-compliant use (Good Laboratory Practice)

OPTIONS / ACCESSORIES

- Ref. 436 005 Adapter for Petri dish (55 mm): Adapter for Ø 55 mm-dishes for Scan 300 / 500/ 1200
- Ref. 437 008 Validation plates for Scan 300:
Set of 2 validation plates (diameter and colony) - Compatible with Scan 300
- Ref. 522 000 Barcode reader: Barcode reader (1D / 2D)