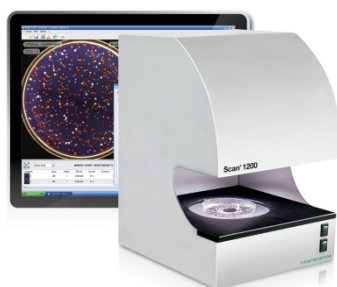


Scan 1200

HD automatic colony counter

Inhibition zone reader

Ref. 437 000



Standards:



Integrated database:



Traceability and high technology:



Manufacture:



Scan 1200 is an HD automatic colony counter. It adapts itself to all media and counts in 1 click all colonies even the smallest ones. It ensures accuracy and excellent reproducibility. Images and results are saved automatically. Scan 1200 is also an inhibition zone reader.

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
- Counting on chromogenic dishes
- Counting on Petrifilm™, Compact Dry™, MC-Media Pad™, EasyPlate™, filtration membranes
- Automatic counting
- Inhibition zone reading

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: 0.05 mm

INHIBITION ZONE READING

- Antibiotic disc detection: Automatic with possibility to manually add or remove
- Automatic detection of antibiogram support: Disks (several brands simultaneously), wells
- Display resolution: ± 0.1 mm
- Accuracy of antibiogram measurement: ± 0.3 mm
- Number of antibiotic paper disks: Up to 7 antibiotics on a $\varnothing 90$ mm Petri dish
- Reading time: 7 inhibition zone reading between 1 to 3 s
- Interpretation system: CA-SFM Human Health / EUCAST / CA-SFM Veterinary / CLSI (Clinical, Laboratory Standards Institute) / Customizable list

SPECIFICATIONS

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- CMOS color camera
- HD Japanese lens
- Zoom x 28
- Resolution (megapixels): 1.2
- 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
- Color detection: 4 colors on the same dish + 2 colors to exclude
- 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 / antibiotic name / bacterial name / measured diameter / result categorized according to standards / minimum and maximum critical diameter

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):	28.8 x 26.3 x 37.3 cm
Net weight:	9.40 kg
Gross weight:	13.10 kg
Box (w x d x h):	57 x 42 x 42 cm

DELIVERED WITH

- 1 Scan software
- 1 15V power supply
- 1 power supply
- 1 USB cable
- 3 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. 435 702 **Optical cleaner + wipes:** Optical cleaner and 50 wipes
- Ref 436 005 **Adapter for Petri dish (55 mm):** Adapter for Ø 55 mm-dishes for Scan 300 / 500/ 1200
- Ref 437 001 **Adapter for MC-Media Pad™:** Adapter for MC-Media Pad™ for Scan 1200
- Ref 437 002 **Adapter for PetriFilm™:** Adapter for Petrifilm™ for Scan 1200
- Ref 437 003 **Adapter for Easy Plate™:** Adapter for Easy Plate™ for Scan 1200
- Ref 437 004 **Adapter for Compact Dry™:** Adapter for Compact Dry™ for Scan 1200
- Ref. 437 006 **Validation plates for counter and reader:**
Set of 3 validation plates (diameter, colony and antibiogram) - Compatible with Scan 500, 1200, 3000 Ai and 5000 Ai
- Ref. 437 007 **Certified validation plates for counter and reader:**
Set of 3 validation plates (diameter, colony and antibiogram) with certificate - Compatible with Scan 500, 1200, 3000 Ai and 5000 Ai
- Ref. 522 000 **Barcode reader:** Barcode reader (1D / 2D)

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