

Scan® 1200

Ref 437 000



Automatic colony counter HD



Standards:



Traceability and High technology:



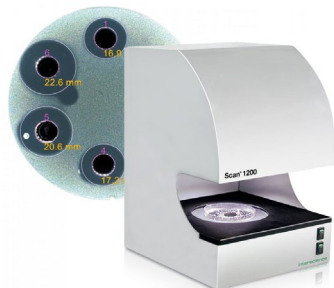
Manufactured under:



Scan® 1200 is a high-resolution color automatic colony counter, that enables an adaptability to all media in labs and a great user comfort with high accuracy, an excellent reproducibility and automatic saving of images and results.

- Counting on pour plating
- Counting on surface plating
- Counting on Spiral® plating
- Counting on circle plating
- Counting on chromogenic dishes
- Counting on PetriFilm™, MC-Media Pads™, Compact Dry™, easyPlate™, filtration membranes
- Automatic separation of clustered colonies
- Creation of polygonal exclusion zones

Inhibition zone reader



Additional Standards:



Scan® 1200 is an inhibition zone reader and automatic colony counter. It has been designed for the pharmaceutical industry, medical research, and animal health.

- Inhibition zone reading on round dishes Ø 90 mm
- Automatic detection: paper disks (several brands simultaneously), wells, peni-cylinder (steel, plastic) with possibility to add or remove manually
- Number of antibiotic paper disks: up to 7 antibiotics on a Ø 90 mm Petri dish
- Reading time: 7 inhibition zone reading between 1 to 3 seconds
- Interpretation system: EUCAST / CA-SFM Human health / CA-SFM Veterinary / CLSI (Clinical, Laboratory Standards Institute) / customizable list
- Inhibition zone measurement accuracy: ± 0,3 mm
- Display resolution: ± 0.1 mm

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Scan® 1200_FT_1222 Pictures and information are not contractually binding. Scan® is trademark. INTERSCIENCE reserves the right to change or improve the specifications of its products without notice. Please visit www.interscience.com for current updates and additional information. RCS 950 356 220 Versailles. INTERSCIENCE SARL F78860

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TECHNICAL SPECIFICATIONS

- All stainless steel body
- HD CCD color camera
- HD japanese lens
- Zoom x 28
- Resolution: 1.2 megapixels
- **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: 0.05 mm
- Counting: automatic with manual control
- Counting Petri dishes Ø 55 - 90 mm
- Manual control to add or subtract colonies
- Counting on 100% of the Petri dish
- **Color detection: 7 colors on the same dish + 1 color to exclude**
- **Results/traceability: image / sample number & antibiotic name / bacteria name / read diameter / result with category SIR by color code / critical diameter mini and maxi / comments / date / time**

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

- 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): 28.8 x 26.3 x 37.3 cm, net weight: 9.4 kg
- Box (w x d x h): 57 x 42 x 42 cm, weight: 13.1 kg

- 3-year warranty after warranty card recording
- Software updates: 3 years 3-year warranty after warranty card recording
- Manufactured under CE, UKCA, RoHS, WEEE
- Designed and made in France
- Availability of Spare parts: 10 years
- 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®
- Equipment: 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
- 3 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 Adapter for Petri dish (55 mm): Adapter for Ø 55 mm-dishes for Scan® 300 / 500/ 1200
- Ref 437 001 Adapter for MC-Media Pads™: Adapter for MC-Media Pads™ for Scan® 1200
- Ref 437 002 Adapter for PetriFilm™: Adapter for Petrifilm™ for Scan® 1200
- Ref 437 003 Adapter for easyPlate™: Adapter for easyPlate™ for Scan® 1200
- Ref 437 004 Adapter for Compact Dry™: Adapter for Compact Dry™ for Scan® 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