interscience

30, CH. BOIS ARPENTS - 78860 ST NOM LA BRETECHE - FRANCE - T. +33 (0)1 34 62 62 61 - F. +33 (0)1 34 62 43 03
N° Identification TVA: FR52 950 356 220 - E-mail: info@interscience.fr - Website: www.interscience.fr

	Scan® 1200 Automatic colony counter	Ref. 437 000
	Scan® 1200 is a high-resolution automatic color colony counter with fully automatic lighting. Widely used in food microbiology, it counts colonies and automatically saves all data to Excel™. Equipped with a digital camera and powerful software, it connects to a PC via a USB connection. Scan® 1200 counts all colonies, even the smallest ones. In compliance with CFR 21 part 11, EUCAST, CA-SFM, ISO 7218, ISO 4887-2	

TECHNICAL SPECIFICATIONS

- All stainless steel body
- Color HD CCD camera
- HD japanese lens
- Digital zoom x28 (enabling to read the letters on the disks)
- Resolution : 1.2 mega-pixels
- Counting time: 1000 colonies per second
- Minimum size of colony: 0.05 mm
- Lighting system: long-life white LEDs / Dark Field
- Lighting system: automatic 6 combinations, top and/or bottom light, white or black background

- Counting: automatic with manual control
- Results / data export: Scan® recountable file, PDF report, jpeg, png, bmp, Excel™
- LIMS connection
- USB connection
- Counting on Petri dishes (55 - 90 mm)
- Spiral® plating
- Color detection: 7 colors on the same dish
- Counting on chromogenic medium
- Inhibition zone measurement
- Counting on PetriFilm™
- Counting on RIDA™ Count
- Counting on Compact Dry™
- Counting on filtration membrane

- Automatic separation of confluent colonies
- Automatic elimination of counting grids
- Polygonal exclusion areas

- Automatic detection of paper disks (all brands simultaneously), wells, peni-cylinders (steel, plastic), customizable, add/substract manually
- Inhibition zone reader : automatic with possible manual check-up
- Number of antibiotic paper disks: up to 8 antibiotics on a 90 mm Petri dish
- Reading time: 8 inhibition zone reading in 1 - 3 seconds

- Interpretation system : CA-SFM Human health / EUCAST / CA-SFM Veterinary / customizable list
- Security of data: saving of all changes in compliance with CFR 21 recommendations /
- Results / Traceability : image / sample number & antibiotic name / bacteria name / read diameter / result with category SIR by color code (Sensitive / Intermediate / Resistant) / critical diameter mini and maxi /comments / date / time

- Software available in french, english, spanish, japanese, chinese, russian

- Power : 100-240V~ / 50-60Hz

- Dimensions : (W x D x H) : 28 x 27 x 38 cm, weight : 9.3 kg
- Box : (W x D x H) : 42 x 42 x 56 cm, weight : 13 kg

- Guarantee (after registration): 3 year
- Software update (after registration): 3 year

- In compliance with CFR 21 part 11, EUCAST, CA-SFM, ISO 7218, ISO 4887-2
- Designed and made in France
- Manufactured under: ISO 9001 V2008, CE, WEEE 2002/96/EC, RoHS 2002/95/EC standards

MINIMUM COMPUTER REQUIREMENTS

- Processor : Intel Core (recommended) or AMD Phenom or superior
- Operating system : Windows 7 SP1 or Windows 8 or superior
- Frequency : 2,4 Ghz or superior
- RAM : 3 Go
- Features: CD ROM reader, USB port
- Screen resolution: 1280 x 1024 pixels

DELIVERED WITH

- Scan® software on CD-ROM
- Connection cables
- 3 control dishes
- User's manual, IQ/OQ/PQ guidelines
- Quick user guide

OPTIONS/ACCESSORIES

- Ref. 436 001   DataLink™, traceability system
- Ref. 436 001   RIDA COUNT™ / Sanita-kun™adaptors
- Ref. 436 002   PetriFilm™ adaptor
- Ref. 436 004   Compact Dry™ adaptor
- Ref. 436 005   55 mm Petri dish adaptor
- Ref. 436 100   Desk computer (Dell with Windows 7 or Windows 8 with programm installed)
- Ref. 522 000   Bar-code reader