

	<b>Scan<sup>®</sup> 500</b> Inhibition zone reader	Ref. 436 000
	<p><b>Scan<sup>®</sup> 500</b> is an inhibition zone reader for antimicrobial susceptibility testing. It enables checking the susceptibility of bacteria to antibiotics to offer quick, traceable and complete results.</p> <p>In compliance with CFR 21 part 11, EUCAST, CA-SFM, ISO 7218, ISO 4887-2</p>	

## TECHNICAL SPECIFICATIONS

- All stainless steel body
- CMOS color camera
- Lens M12
- Digital zoom x28 (enabling to read the letters on the disks)
- Resolution : 1 mega-pixels
- Counting time: 1000 colonies per second
- Minimum size of colony: 0.1 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<sup>®</sup> recountable file, PDF report, jpeg, png, bmp, Excel<sup>™</sup>
- LIMS connection
- USB connection
- Counting on Petri dishes (55 - 90 mm)
- Spiral<sup>®</sup> plating
- Color detection: 7 colors on the same dish
- Counting on chromogenic medium
- Inhibition zone measurement
  
- 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/subtract 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 29 cm, weight : 8.3 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 (recommended)
- Operating system : Windows 7 SP1 or Windows 8 or superior
- Frequency : 2,4 Ghz or superior
- RAM : 2 Go
- Features: CD ROM reader, USB port
- Screen resolution: 1280 x 1024 pixels

## **DELIVERED WITH**

- Scan® software CD-ROM
- Connection cables
- 2 control dishes
- User's manual, IQ/OQ/PQ guidelines

## **OPTIONS/ACCESSORIES**

- Ref. 436 005     55 mm Petri dishes adaptor
- Ref. 436 100     Desk computer (Dell with Windows 7 or 8 with Scan® program installed)
- Ref. 522 000     Bar-code reader