

	<div> <div> <b>Scan<sup>®</sup> 500</b> Automatic colony counter </div> <div> Ref. 436 000 </div> </div> <p>Efficiency. Scan<sup>®</sup> 500 is an automatic color colony counter that offers quick and traceable counting results. Equipped with a digital camera and a powerful software, it connects to a PC via Firewire connection. Widely used in food microbiology, it counts colonies, mesures antibiograms and automatically saves all data, images and results.</p>
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## ADVANTAGES

- ▶ Instant results
- ▶ Traceability: automatic saving of all data, images and results
- ▶ Barcode reader and LIMS connection
- ▶ Data export to Excel<sup>™</sup>
- ▶ Minimum size of detected colony: 0.1 mm

## TECHNICAL SPECIFICATIONS

- ▶ Stainless steel, compact (24 cm width)
- ▶ Color CMOS camera, digital zoom x 7
- ▶ Camera resolution: 640 x 480 pixels
- ▶ Lighting system: 6 combinations, top and/or bottom light, white or black background
- ▶ Brightness, contrast and sensitivity automatically optimized by the software
- ▶ Automatic adjustment of the counting area
- ▶ Automatic settings for more than 20 pres-set media (PCA/TSA, MRS, VRBL, TBX, TSC, Baird Parker, GVPC, L.Mono, YM and more...)
- ▶ Counts on: Petri dishes (55-90 mm), Spiral<sup>®</sup> plates
- ▶ Minimum size of detected colony: 0.1 mm
- ▶ Automatic separation of clustered colonies
- ▶ Creation of polygonal exclusion zones
- ▶ Manual addition and removal of colonies
- ▶ Detects and counts up to 7 colors on the same dish
- ▶ Adapts itself to most kinds of agar
- ▶ Long lasting LED lighting
- ▶ User friendly software: press one button to count
- ▶ Export of data to Excel<sup>™</sup>, PDF
- ▶ Software in French, English, Japanese, Chinese, Russian, Spanish
- ▶ Automatic archiving and printing of data: pictures, comments and results
- ▶ Traceability formats: Excel<sup>™</sup>, JPEG, BMP, PDF and Scan<sup>®</sup> printed report
- ▶ LIMS and barcode reader connections

### MINIMUM COMPUTER REQUIREMENTS:

- ▶ Operating system: Windows<sup>™</sup> XP, Windows<sup>™</sup> Vista, Windows<sup>™</sup> 7 or Windows<sup>™</sup> 8
  - ▶ Processor: Intel (recommended) or other
  - ▶ Frequency: 2 GHz or better
  - ▶ RAM size: 2 Go or better
  - ▶ Features: FireWire connector (6 pins) or free PCI slot, CD-ROM reader
  - ▶ Screen resolution: 1280 x 1024 pixels or better recommended
  - ▶ Computer type: Desktop computer recommended (laptop not recommended)
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- ▶ Power: 100-240V~ 50-60Hz
  - Machine: size (W x D x H): 28 x 27 x 29 cm, weight: 7 kg
  - Box: size (W x D x H): 49 x 39 x 39 cm, weight: 10 kg

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- ▶ 3 year guarantee (after registration)
  - ▶ Life-time service
  - ▶ In compliance with: ISO 7218
  - ▶ Designed and made in France
- Manufactured under: ISO 9001 V2008, CE, WEEE 2002/96/EC, RoHS 2002/95/EC standards
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## DELIVERED WITH

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- ▶ Scan<sup>®</sup> software CD-ROM
  - ▶ User's manual
  - ▶ Quick user guide, IQ/OQ/PQ guidelines
  - ▶ Firewire adapter: PCI, PCMCIA, Expresscard, 6/4 pins
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## OPTIONS / ACCESSORIES

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- ▶ **Ref. 436 005** Adapter for 55 mm dishes
- ▶ **Ref. 436 100** Computer (Dell desktop with Vista or Windows 7(GB), with program installed)
- ▶ **Ref. 522 000** Barcode reader