

## Scan® 50 pro

Manual colony counter

Ref. 435 055



Certification :



Traçabilité et Haute technologie :



Fabrication :



Scan® 50 pro is a manual colony counter with multiple ergonomic supports (posture, vision, hearing). The Dark Field 2 technology offers an indirect, precise, and contrasted LED lighting of the colonies. The export of the counting result, by USB link, to a computer, ensures the traceability of the data, without preliminary processing by software.

### TECHNICAL SPECIFICATIONS

- Stainless steel frame, very robust
- Multifunction LCD screen
- Storage hatch for counting grids and white backgrounds
- **Inclined and padded counting surface**
- **Dark Field 2 technology for high contrast colony lighting**
- **Adjustable LED intensity: 5 lighting levels and can be turned off – Complies with IEC 62471 :2006 standard (group 2 risk)**
- Counting: 0 to 1 999 UFC
- For all types of support: Petri dishes: Ø 55 - 90 mm / PetriFilm™, Compact Dry™, MC-Media Pads™, easyPlate™ / filtration membranes
- Touch surface with adjustable sensitivity: 5 levels of detection of a pressure onto support
- Suitable for all types of markers
- **180°-HandPad for left or right forearm**
- **Counting tone: choice of 9 different sounds / 5 volume levels**
- **Headset for sound reception and isolation of the work environment**
- **Counting light signal: green flash emitted by the set of 3 internal LEDs**
- **Magnifying glass for colony size (optional)**
- **Counting keys duplicated on each side of the keyboard, for left or right-handed operators**
- USB port: transfer of counting data to computer
- Data export to LIMS, under CSV format (Excel™) or text format (Word™)
- Supply voltage and frequency: 100-240V ~ 50-60Hz
- Maximum power : 20 W
- Fuse : T3,15A L 250V 5x20 mm
- Machine protection index: IP20
- Size (l x p x h): 27.3 x 35.2 x 15.1 cm, weight: 4.45 kg
- Packing (l x p x h): 35 x 45 x 40 cm, weight : 7.05 kg
- Warranty: 3 years, after registration of the warranty card
- Manufacturing CE, RoHS 2002/95/EC, WEEE 2002/96/EC
- Designed and manufactured in France
- Availability of spare parts: 10 years
- In compliance with ISO 7218 and FDA BAM standards (Bacteriological Analytical Manual)

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## SUPPLIED WITH

- 1 power cord
- 1 USB cable
- 1 black marker pen
- 1 white diffusing background
- 1 user manual
- 1 headset

## OPTIONS / ACCESSORIES

- Ref. 435 001 Magnifier: Magnifier + 1 flexible arm for Scan® 50 and Scan® 50 pro
- Ref. 435 025 Wolffhuegel counting grid: 1 transparent and 1 white diffusing backgrounds for Scan® 50 and Scan® 50 pro Ø 90 mm
- Ref. 435 036 Spiral® counting grid (90 mm): easySpiral® counting grid for Scan® 50 and Scan® 50 pro - 1 transparent and 1 white diffusing backgrounds Ø 90 mm
- Ref. 435 038 Circle counting grid: easySpiral® Dilute circle counting grid for Scan® 50 and Scan® 50 pro - 1 transparent and 1 white diffusing backgrounds Ø 90 mm
- Ref. 435 051 Adaptor for Petrifilm™, MC-Media Pads™, Compact Dry™: Adaptor for Petrifilm™, MC-Media Pads™, Compact Dry™ for Scan® 50 and Scan® 50 pro
- Ref. 435 052 Headset
- Ref. 435 702 Optical cleaner + wipes
- Ref. 522 000 Barcode reader