

## Scan® 50

Manual colony counter

Ref. 435 050



Certification :



Traçabilité et Haute technologie :



Fabrication :



Scan® 50 is a manual colony counter with multiple ergonomic supports (posture, vision, hearing). The Dark Field 2 technology offers an indirect, and precise 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

- Painted steel body
- Counting and setting LCD screen
- Storage hatch for counting grids
- **Inclined and padded counting surface**
- **Dark Field 2 technology for high contrast colony lighting**
- **Adjustable white 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 pressure detection
- Suitable for all types of markers
- **Counting tone: 9 different sounds / 5 volume levels**
- **Headset for sound reception and isolation of the work environment (unsupplied with the device)**
- **Counting light signal: green flash emitted by the set of 3 internal LEDs**
- **Magnifying lens: doubles colony size (unsupplied with the device)**
- **Counting keys duplicated on each side of the keyboard, for left or right-handed operators**
  
- USB port: counting data transfer to computer
- Data export to LIMS, under CSV format (Excel™) or text format (Word™)
  
- Supply voltage and frequency: 100-240 V ~ 50-60 Hz
- Maximum power : 20 W
- International protection marking: IP 20
- Size (l x p x h): 27.3 x 29.5 x 15.1 cm, net weight: 4.05 kg
- Packing (l x p x h): 35 x 45 x 40 cm, weight: 5.5 kg

- Warranty: 3 years, after registration of the warranty card
- Manufacturing CE, UKCA, RoHS 2002/95/EC, WEEE 2002/95/EC
- Designed and manufactured in France
- Availability of spare parts: 10 years
- In compliance with ISO 7218 and FDA BAM standards (Bacteriological Analytical Manual)

## SUPPLIED WITH

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

## OPTIONS / ACCESSORIES

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