

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, 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 detection levels of a pressure on the support
- 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 glass for colony size (unsupplied with the device)**
- **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 for LIMS, under CSV format (Excel™) or text format (Word™)

- Supply voltage and frequency: 100-240 V ~ 50-60 Hz
- Maximum power : 20 W
- Fuse : T3,15A L 250V 5x20 mm
- Machine protection index: IP 20
- Size (l x p x h): 27.3 x 29.5 x 15.1 cm, weight: 4.05 kg
- Packing (l x p x h): 35 x 45 x 40 cm, weight: 6.40 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 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[™], easyPlate[™] for Scan[®] 50 and Scan[®] 50 pro
- Ref. 435 052 Headset
- Ref. 435 702 Optical cleaner + wipes
- Ref. 522 000 Barcode reader