



# SCAN 50

Manual colony counter

A galaxy of colonies  
with a clear view



interscience

**Scan® 50** is a new generation colony counter, offering contrasted colony lighting while protecting the user's eyes. It improves the ergonomics of colony counting and prevents MusculoSkeletal disorders (MSD). Traceability is ensured by USB port.

interscience  
The colony counting  
specialist

### Traceability

Save time by exporting the data recorded during the count via **USB**, LIMS, spreadsheet or text format. **You will avoid errors in rewriting the results.**

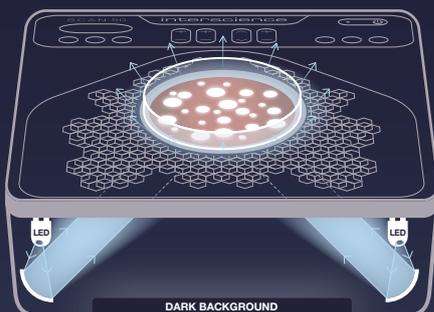
You can also connect a barcode<sup>(2)</sup> reader for data transmission.



### Contrasting colony lighting: Dark Field 2

**Dark Field 2 is an indirect lighting system with adjustable intensity.** Light reflectors diffuse the light at all points **without any reflections or shadows.** It makes all colonies stand out on the surface, in the mass and around the edge of the dish.

Flashes of light are eliminated and the **operator's eyes are protected.**



**PATENT  
PENDING**



## Easy disinfection

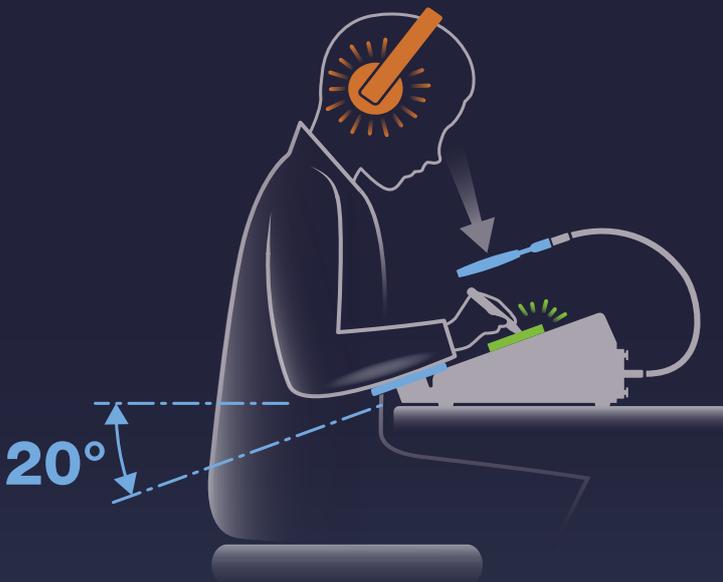
To keep the workstation clean, the **glass and the smooth handrest are removable**.

Easy to disinfect, they ensure **perfect hygiene of the workstation**.

Headphones jack

HandPad

Scan® 50 pro



## Ergonomics redesigned

### Audio Comfort

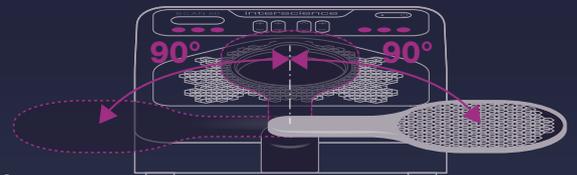
- 9 different sounds and headphones jack to work without disturbing colleagues

### Light signal

- Light signal for each counted colony

### Optimal working posture

- Inclined reading surface with magnifying lens<sup>(2)</sup>, hand rest and **HandPad**<sup>(1)</sup>
- Prevents Muscular-Skeletal Disorders



### Ambidextrous

- Duplicated count buttons on both sides
- **HandPad**, 180° arm-rest that turns on the machine

(1) Only on Scan® 50 Pro (2) Optional accessory

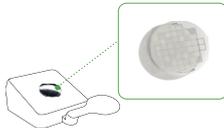
# Technical specifications & Accessories

Delivered with: 1 power cord, 1 USB cable, 1 black marker pen, 1 white diffusing background, 1 user manual, 1 headphones (only on Scan® 50 Pro). Magnifying lens in option.




**Magnifying lens**  
Magnifying lens + 1 flexible arm for Scan® 50 and Scan® 50 pro

**Ref. 435 001**



**Wolffhugel counting grids**  
Wolffhugel™ transparent and white counting grids for Scan® 50 and Scan® 50 pro

**Ref. 435 025**



**Spiral® counting grids (90 mm)**  
easySpiral® counting grids: 1 transparent and 1 white diffusing background for Scan® 50 and Scan® 50 pro - Ø 90 mm

**Ref. 435 036**



**Circle counting grids (90 mm)**  
easySpiral® Dilute circle counting grids: Ø 90 mm - 1 transparent and 1 white diffusing background for Scan® 50 and Scan® 50 pro

**Ref. 435 038**



**Adaptor for Petrifilm™/MC-Media Pads™/ Compact Dry™**  
Adaptor for Petrifilm™, MC-media Pads™, Compact Dry™ for Scan® 50 and 50 pro

**Ref. 435 051**



**Headphones**  
Headphones for Scan® 50 and Scan® 50 Pro. Connection with a jack socket.

**Ref. 435 052**



**Optical cleaner + wipes**  
Optical cleaner + wipes

**Ref. 435 702**



**Bar-code reader**  
Bar-code reader (1D)

**Ref. 522 000**

Your local distributor

|                              | Scan® 50   | Scan® 50 Pro                                     |                       |
|------------------------------|--|--|-----------------------|
| <b>OVERVIEW</b>              | <b>Reference</b>   | <b>435 050</b>                                   | <b>435 055</b>        |
|                              | Stainless steel  | ✓  | ✓                     |
|                              | LIMS/SIL connection  | ✓  | ✓                     |
|                              | USB connection   | ✓  | ✓                     |
|                              | Counting on pour, surface, Spiral® and circle plated Petri dishes                      | ✓  | ✓                     |
|                              | Counting on chromogenic Petri dishes   | ✓  | ✓                     |
|                              | Counting on Petrifilm™, Compact Dry™, MC-Media Pads™, easyPlate™, filtration membranes | ✓  | ✓                     |
|                              | LED lighting without reflections   | ✓  | ✓                     |
|                              | HandPad: ergonomic arm-rest  | -  | ✓                     |
|                              | Headphones included  | -  | ✓                     |
| <b>COUNTING</b>              | Type of colony counter   | Manual (0-1999 CFU)                              |                       |
|                              | Manual control to add or subtract colonies   | ✓  | ✓                     |
|                              | Counting light signal  | ✓  | ✓                     |
|                              | Counting sound signals   | 9 different sounds / 5 volume levels             |                       |
| <b>SPECIFICATIONS</b>        | Counting tone  | Touch surface with adjustable sensitivity        |                       |
|                              | Lighting technology  | Dark Field 2 : Indirect lighting with white LED  |                       |
|                              | Lighting system  | LED lighting with 5 intensity levels             |                       |
|                              | Petri dish dimensions  | From Ø 55 to Ø 90 mm                             |                       |
|                              | Data export  | Via USB, LIMS, CSV or text file                  |                       |
|                              | Voltage - Frequencies  | 100-240 V~ 50-60 Hz                              |                       |
|                              | Warranty   | 3-year (after registration of the warranty card) |                       |
| <b>WEIGHT AND DIMENSIONS</b> | In compliance with   | ISO 7218 and FDA BAM                             |                       |
|                              | Dimensions (w x d x h)   | 27.3 x 29.5 x 15.1 cm                            | 27.3 x 35.2 x 15.1 cm |
|                              | Net weight   | 4.05 kg  | 4.45 kg               |
|                              | Box dimensions (w x d x h)   | 35 x 45 x 40 cm                                  | 35 x 45 x 40 cm       |
|                              | Gross weight   | 6.40 kg  | 7.05 kg               |



**Contact us for IQOQ and warranty extension**

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