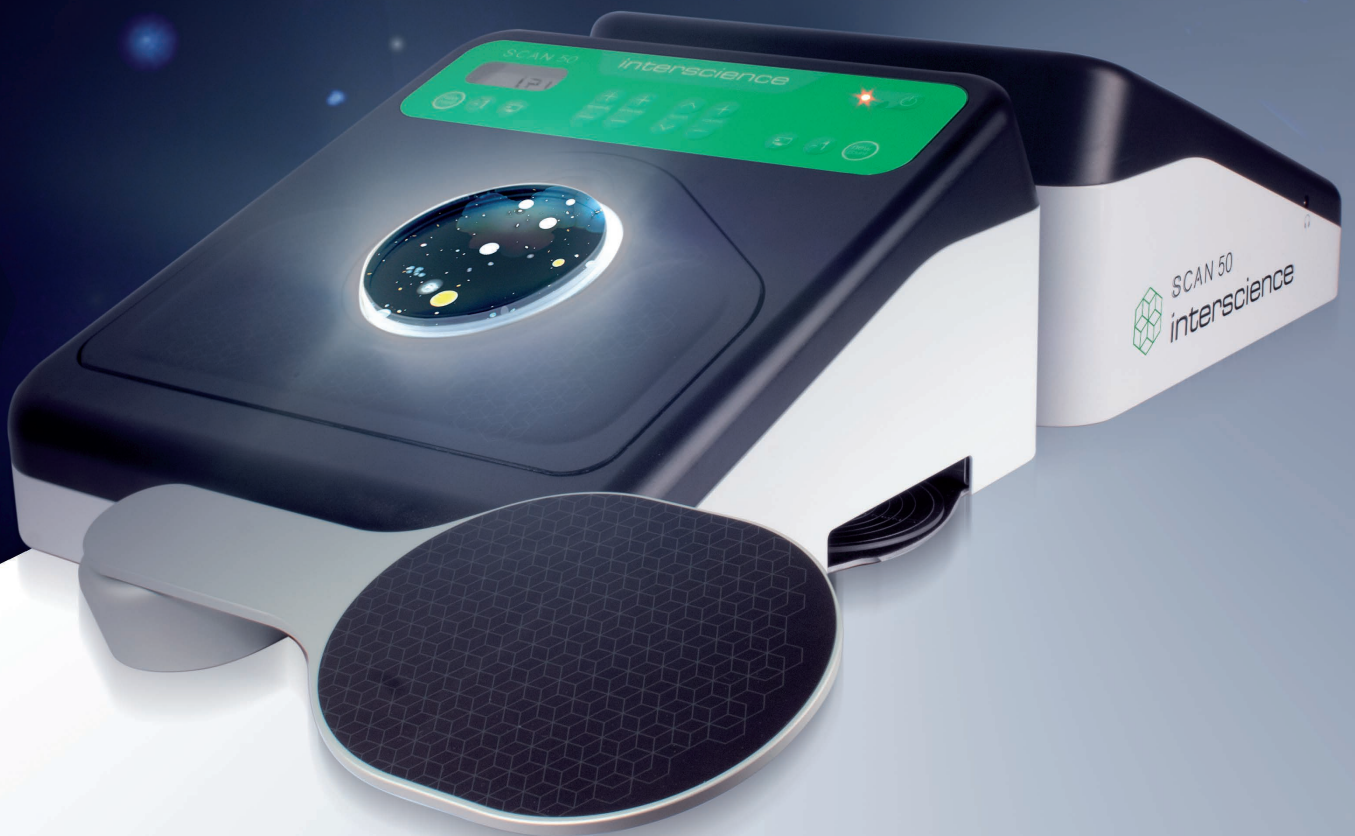# SCAN 50
Manual colony counter

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.

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.**
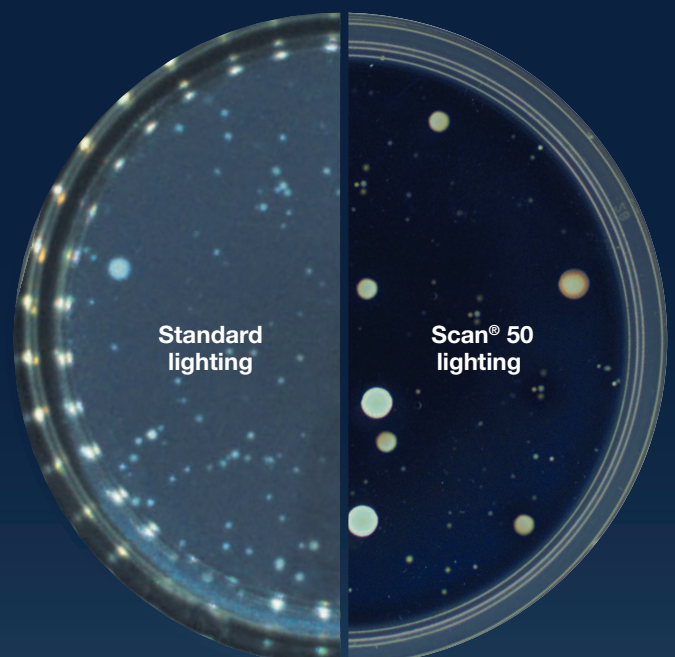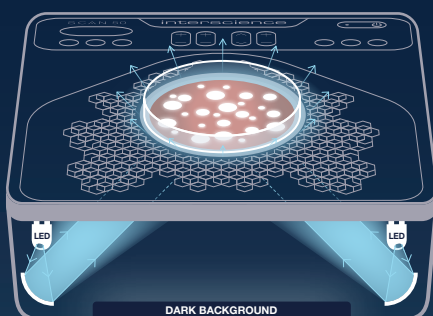
You can also connect a barcode[2] reader for data transmission.

interscience
The colony counting specialist

White background and counting grids

Scan® 50

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.**

DARK BACKGROUND

Standard lighting

Scan® 50 lighting

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

SCAN 50 pro
interscience

HandPad

Scan® 50 pro

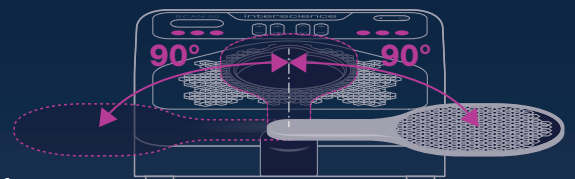## Ergonomics redesigned

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[2], hand rest and **HandPad**[1]
- Prevents Muscular-Skeletal Disorders

20°

90° 90°

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

Wolffhuegel counting grids
Wolffhuegel™ 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

		Scan® 50	Scan® 50 Pro
	Reference	**435 050**	**435 055**
OVERVIEW	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	-	✓
COUNTING	Type of colony counter	Manual (0-1999 CFU)	
	Manual control to add or substract colonies	✓	✓
	Counting light signal	✓	✓
	Counting sound signals	9 different sounds / 5 volume levels	
	Counting tone	Touch surface with adjustable sensitivity	
SPECIFICATIONS	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)	
	In compliance with	ISO 7218 and FDA BAM	
WEIGHT AND DIMENSIONS	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

WEEE 2002/96/EC   **RoHS** 2002/95/EC   MADE IN FRANCE   CE   UK CA

Products made for INTERSCIENCE by Interlab, an ISO 9001 certified company.

Contact us for IQOQ and warranty extension

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