



SCAN 50

Manual colony counter

A galaxy of colonies
with a clear view



ENRICO BRUNO s.r.l.

APPARECCHI SCIENTIFICI
SANITARI - INDUSTRIALI

www.enrico-bruno.it

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⁽²⁾ reader for data transmission.

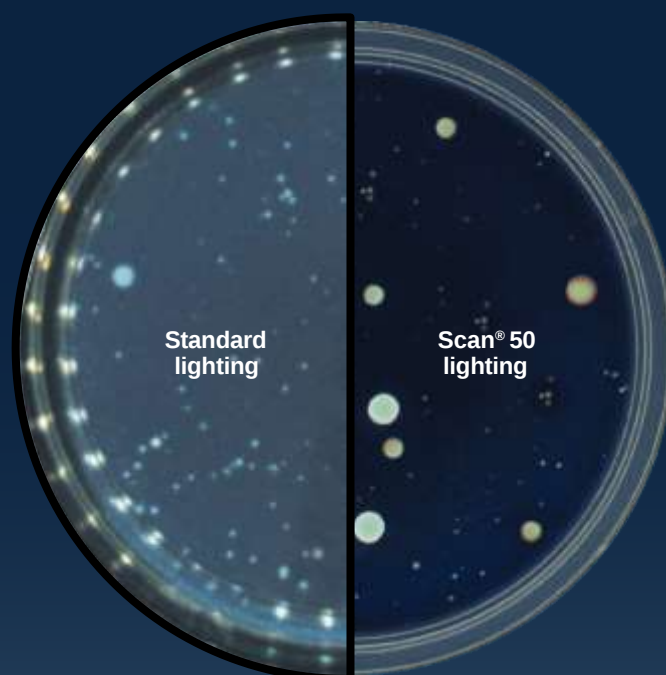
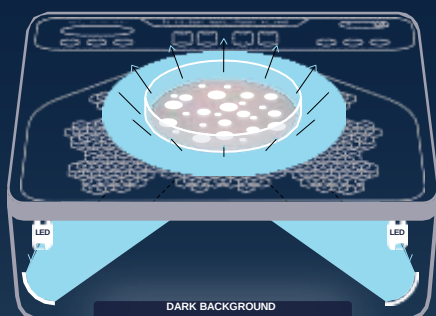
White
background
and counting
grids

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**.



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

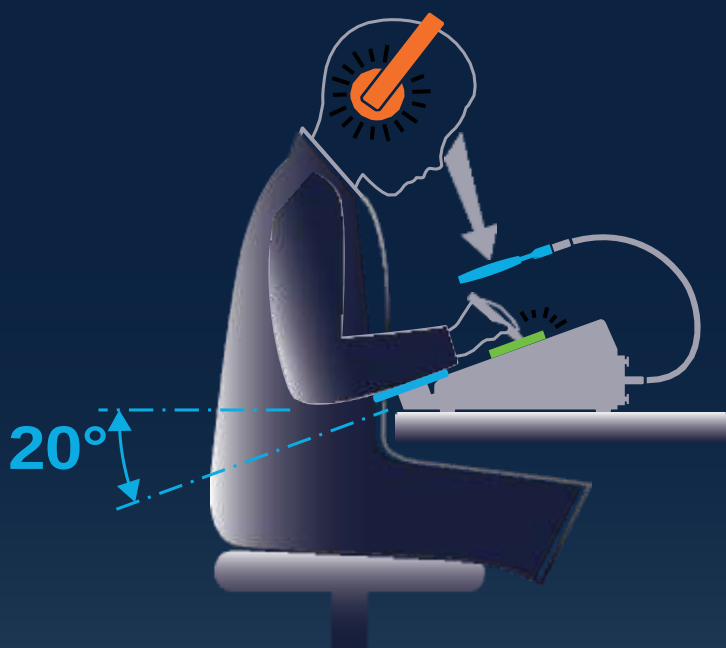
- 9 different sounds and headphones jack to work without disturbing colleagues

Light signal

- Light signal for each counted colony

Optimal working posture

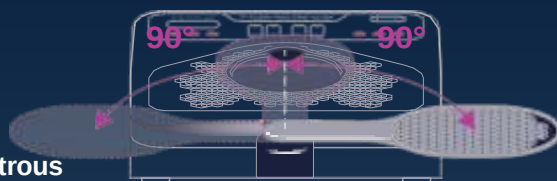
- Inclined reading surface with magnifying lens⁽²⁾, hand rest and **HandPad**⁽¹⁾
- Prevents Muscular-Skeletal Disorders



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

Ambidextrous

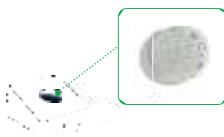
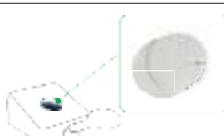
- Duplicated count buttons on both sides
- **HandPad**, 180° arm-rest that turns on the machine



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
OVERVIEW	Reference	435 050	435 055
	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 subtract 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
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RoHS
2002/95/EC

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