

# Scan<sup>®</sup> 100

Colony counter



Counting  
made easy

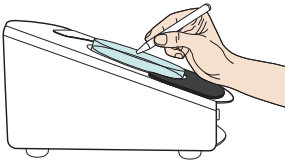
interscience

# Comfort and technology

**Scan® 100** is a high-tech colony counter remarkable for its user-friendly functions and great ergonomics, which allow accurate colony counting on all media used in microbiology (Petri dishes, Petrifilm™, filtration membrane).

A LED lighting system gives a contrasting and clear view of the colonies. The integrated USB port allows easy export of the results to the software of your choice (PC and Mac) to guarantee traceability of the results.

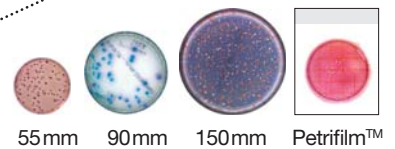
## Ergonomics



- Count with pen of your choice
- Ergonomic counting area
- Foam hand-rest

## Adjustable white LED lighting

- Easy adjustment of the lighting with the "Lighting" button
- The operator has a clear vision with the indirect lighting
- LEDs: long-life lights, do not produce heat and have no wearing parts



## Colony counting on all media:

- Petri dishes from 55 mm to 150 mm
- Petrifilm™
- Filtration membranes

## Traceability



- Data export via USB, LIMS, Excel™: time-saving, error-free results

## Adjustable touch surface

- Intuitive counting with the tactile pressure + beeping sound
- Adjustable sensitivity with the "Sensitivity" button



## Storage area

- Easy storage of the counting grids

High technology



Traceability



ISO  
7218

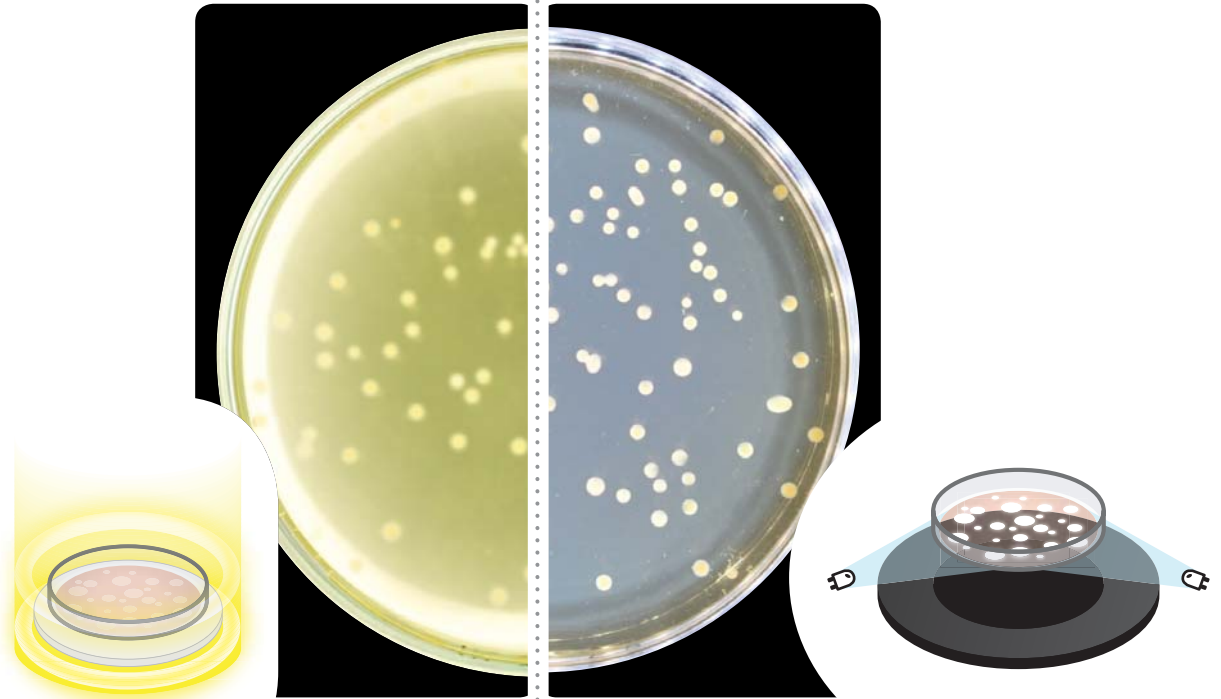
# Dark Field technology: accurate lighting for your analyses

Scan® 100 is equipped with a new long-lasting white LED lighting system. The lights are arranged in a circle to provide perfect contrast of the colonies.



Ordinary neon lighting counter

Scan® 100: LED lighting system



**Lighting with standard neon:** the yellowish light spreads itself in the agar and the colonies. Lighting is uneven and contrast is imperfect.

**The colonies are difficult to count. The operator is hindered by the lighting.**

**Dark Field technology:** with indirect lighting, the light does not diffuse itself, the contrast is optimal and colonies are seen precisely.

**The colonies are easy to count. There is no eye fatigue for the operator.**



## Options



### Magnifying lens (X2) on flexible arm

- Optimal accuracy
- Working comfort
- Easy counting

Ref 435 001



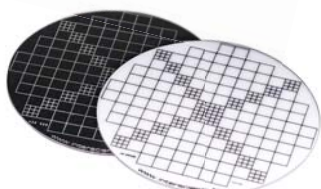
### Spiral® grids

Provided with:

- White diffusing background with counting grid
- Transparent background with counting grid

3 models :

- **Spiral DS**® 90/150 mm - Ref 435 010
- **easySpiral**® 90 mm - Ref 435 030
- **easySpiral**® 150 mm - Ref 435 035



### Wolffhugel grid

Provided with:

- White diffusing background with counting grid
- Transparent background with counting grid

Ref 435 020








### All-media adapter

- For Petrifilm™, RIDA™ Count / Sanita-kun™ & Compact Dry™

Ref 435 002

# Technical specifications

<b>Scan® 100</b>	Ref 435 000		
<b>Petri dish size</b>	55, 65, 90, 150 mm - All media		
<b>Size (L x W x H)</b>	31 x 25 x 18 cm	<b>Weight</b>	4.5 kg
<b>Made from</b>	Stainless steel - neoprene cell		
<b>Screen</b>	Digital, multi-function	<b>Counting</b>	0-1999 CFU
<b>Export</b>	Via USB for transfer to any software without prior installation		
<b>Indicative sound</b>	Adjustable volume: 4 levels		
<b>LED lighting</b>	Adjustable lighting		
<b>Counting zone</b>	Touch surface: adjustable sensitivity		
<b>Storage</b>	Built-in storage rack for accessories		

<b>Delivered accessories</b>	<ul style="list-style-type: none"> <li>- White background plate</li> <li>- 90 mm dish adapter</li> <li>- Power cord</li> <li>- USB cable</li> <li>- Black counting pen</li> </ul>
<b>Manufactured in compliance with</b>	    

## Also available



**Scan® 300**

> Automatic colony counter

Ref. 436 300



**Scan® 500**

> Automatic colony counter /  
Inhibition zone reader

Ref. 436 000

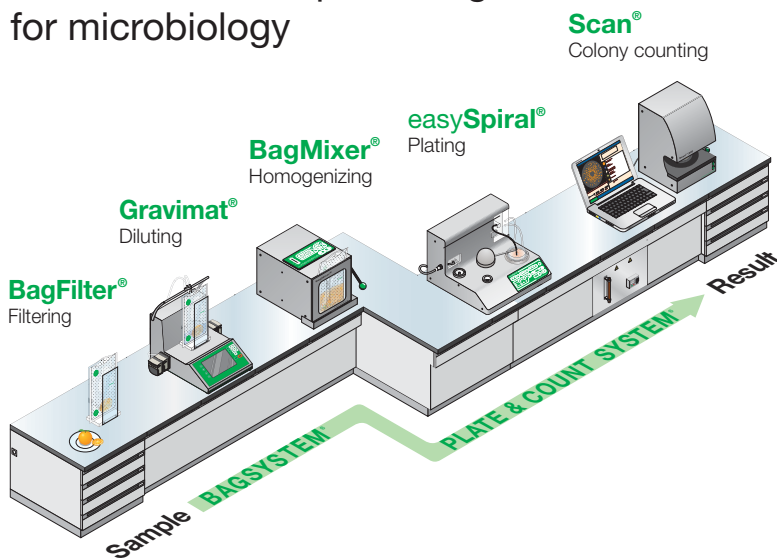


**Scan® 1200**

> High resolution automatic colony  
counter / Inhibition zone reader


Ref. 437 000

## Discover our complete range for microbiology



[www.interscience.fr](http://www.interscience.fr)

## Your local distributor



**IGZ Instruments**  
smart solutions & service

IGZ Instruments AG  
Furtbachstrasse 17  
8107 Buchs ZH

Tel. +41 44 456 33 33  
igz.ch igz@igz.ch

**interscience INTERNATIONAL**  
30, Ch. Bois des Arpents - 78860 St Nom - FRANCE  
T: +33 (0)1 34 62 62 61 - F: +33 (0)1 34 62 43 03  
info@interscience.fr - www.interscience.fr

**interscience USA & CANADA**  
199 Weymouth ST - ROCKLAND - MA 02370 - USA  
T: 781 792 2133 - F: 781 792 2134  
info@intersciencelab.com - www.intersciencelab.com