

Scan[®] 4000

Unbeatable image quality



Ultra high resolution camera

- Ultra HD 5 megapixels CCD camera
- Digital zoom x 64
- Live camera image

Integrated CFR21 Part 11

- Electronic signatures, audit trail and securing of the results

Reading on 100 % of the surface of the Petri dish

- Automatic detection and zoom

NEW

Beam Splitter

- Avoids reflections of the camera

White LED Dome

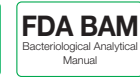
- White LED diffusing lighting without reflections or shadows

Largest reading range on the market

- Round ø 55 to 150 mm Petri dishes
- 120 mm square Petri dishes



Scan[®] 4000 Automatic colony counter & inhibition zone reader



Scan[®] 4000 is an ultra HD automatic colony counter and inhibition zone reader. Adapted to all sizes of Petri dishes and media, its lighting system guarantees a great user comfort, high accuracy and excellent reproducibility.

[Demo video www.interscience.com](http://www.interscience.com)

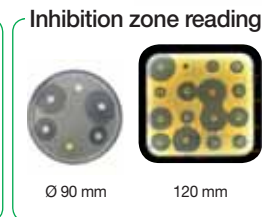
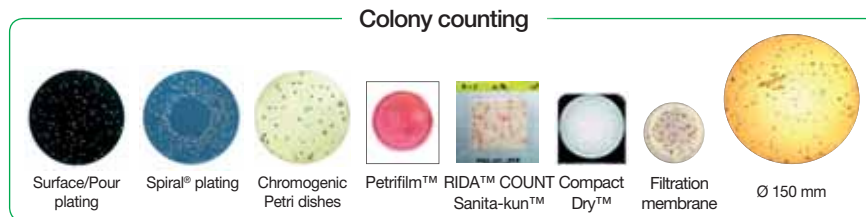
NEW

Key features

- Brightness, contrast and sensitivity are automatically optimized by the software
- Automatic separation of clustered colonies
- Creation of polygonal exclusion zones
- Export of data to printed report, Excel[™], PDF, jpg, xls, recountable session
- Software in French, English, Japanese, Chinese, Russian, Spanish, German
- Compatible with dataLink[™] traceability system (see p. 39 for more details)
- Integrated CFR21 part 11: encrypted audit trail, 3 user levels
- Inhibition zone reading with EUCAST, CA-SFM and editable database
- Detects and counts up to 7 colors on the same dish
- Minimum size of detected colony: 0.05 mm
- **7 combinations of lighting and backgrounds**
- **Ultra HD color CCD camera, zoom x 64, ultra HD japanese lens, 5 megapixels resolution**
- **Counting on round Petri dishes from ø 55 to 150 mm and 120 mm square Petri dishes**
- **Black/white background with no moving parts**
- **White LED dome lighting: reflection and shadow free**
- **Reading on 100 % of the surface of the Petri dish**
- **Bi-directionality with SIL/LIMS**



Minimum size of detected colony: 0.05 mm



Delivered with: Scan[®] software CD-ROM, power cord, 3 validation plates, user's manual.

Technical specifications

	Scan [®] 4000
Resolution	5 megapixel
Power	100-240 V - 50-60Hz
Size (w x d x h)	47 x 47 x 64 cm
Weight	25 kg
Reference	438 000

Options



Conformity:



Advantages

- ▶ Ultra-HD resolution image
- ▶ 360° lighting of the dish reflection and shadow free
- ▶ Largest reading range on the market