Scan® 4000 Unbeatable image quality

USB · LIMS · data Link · XLS

NEW

Ultra high resolution camera
- Ultra HD 5 megapixels CCD camera
- Digital zoom x 69
- Live camera image

Beam Splitter
- Avoids reflections of the camera

White LED Dome
- White LED diffusing lighting without reflections or shadows

Integrated CFR21 Part 11
- Electronic signatures, audit trail and securing of the results

interscience

Scan 4000

Reading on 100 % of the surface of the Petri dish
- Automatic detection and zoom

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

3 YEAR GUARANTEE · ISO 7218 · FDA BAM Bacteriological Analytical Manual · AOAC 977.27

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

NEW

interscience

Scan 4000

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, png, bmp, 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, CLSI and editable database
- Detects and counts up to 7 colors on the same dish + 1 color to exclude
- Minimum size of detected colony: 0.05 mm

- **7 combinations of lighting and backgrounds**
- **Ultra HD color CCD camera, zoom x 69, 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-directionnality with SIL/LIMS**

Minimum size of detected colony: 0.05 mm

Colony counting

Surface/Pour plating · Spiral® plating · Chromogenic Petri dishes · Petrifilm™ · Sanita-kun™ · Compact Dry™ · Filtration membrane · ø 150 mm

Inhibition zone reading

ø 90 mm · 120 mm

High technology: COLOR DETECTION · White LED Dome · dataLink · USB · LIMS · dataLink

Traceability: XLS · JPG · BMP · PDF

Delivered with: Scan® software CD-ROM, power cable, 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

Bar-code reader
Ref. 522 000

dataLink™
Ref. 410 100

Conformity:

sfm · CLINICAL AND LABORATORY STANDARDS INSTITUTE

EUCAST EUROPEAN COMMITTEE ON ANTIMICROBIAL SUSCEPTIBILITY TESTING

Advantages

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