Scan® 4000
Automatic colony counter ultra HD
Ref 438 000

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.

TECHNICAL SPECIFICATIONS

- All stainless steel body
- Ultra HD CMOS color camera
- Ultra HD Japanese lens
- Zoom x69
- Resolution: 5 megapixels
- Counting time: up to 1000 colonies per second
- Minimum size of colony: 0.05 mm
- Lighting technology: White Dome LED
- Lighting system: automatic 7 combinations, top and/or bottom light, white or black background
- Counting: automatic with manual control
- Counting on round Petri dishes Ø 55 to 150 mm and 120 mm square Petri dishes
- Counting on pour plating
- Counting on surface plating
- Counting on Spiral® plating
- Counting on circle plating
- Counting on chromogenic dishes
- Inhibition zone reader
- Counting on PetriFilm™
- Counting on MC-Media Pads™
- Counting on Compact Dry™
- Counting on filtration membranes
- Automatic separation of clustered colonies
- Creation of polygonal exclusion zones
- Manual control to add or subtract colonies
- Export of data to printed report, PDF, jpg, png, bmp, Excel™ recountable session
- Color detection: 7 colors on the same dish + 1 color to exclude
- LIMS connection
- USB connection
- Compatible with DataLink™ traceability system
- Data security: modified data traceability in conformity with 21 CFR part 11 / Connexion with LIMS/SIL systems
- Results/traceability: image / sample number / comments / date / time
- Languages: French, English, Japanese, Chinese, Russian, Spanish, German
• Voltage and frequency: 100-240V~ 50-60Hz
• Fuses: T3.15A L 250V 5x20 mm
• Max power: 140 W

• Dimensions (w x d x h): 47 x 47 x 64 cm, weight: 25 kg
• Box (w x d x h): 60 x 63 x 80 cm, weight: 32 kg

• 3-year warranty
• Software update: 3 years

• In compliance with: 21 CFR part 11, ISO 7218 and AOAC 977.27
• Manufactured under CE, RoHS, WEEE
• Designed and made in France

MINIMUM COMPUTER REQUIREMENTS

• Processor: quad core (recommended) Intel i5 or i7 or AMD FX 6000 or superior
• Operating systems: Windows™ : Seven™ (Service Pack 1) or 8 or 10
• Frequency: 2.8 Ghz or superior
• RAM: 8 Go or superior
• Equipment: USB 2.0 port and USB 3.0 port
• Screen: 1280 x 1024 pixels or superior
• Graphic card: AMD or NVIDIA (chipsets are not recommended)

DELIVERED WITH

• 1 Scan® software
• 1 connection cable
• 3 control dishes
• 1 user’s manual

OPTIONS / ACCESSORIES

• Ref 410 100 DataLink®: Full traceability system for Petri dishes, from plating to counting with label edition
• Ref 410 120 Sticker for printer: Labels roll for thermal printer - Label size: 45 x 10 mm
• Ref 410 130 Film : Thermal transfer film
• Ref 436 100 Computer (Dell desktop with Windows 7 or 8 or 10 and Scan® software installed
• Ref 522 000 Bar-code reader