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ScanStation® 100

Real-time incubation and colony counting station

Ref. 439 100

Complies with:

21 CFR
Part 11

Data export:

MP4 · PDF Adobe · JPG JPEG · CSV · XLS Excel™

Manufactured:

RoHS 2002/95/EC · WEEE 2002/96/EC · CE · UK CA · FC · WUCA c US · MADE IN FRANCE

ScanStation® 100 is an automatic, real-time colony counting and incubation station, with fully automatic incubation, detection and enumeration on 100 Petri dishes (Patented).

OVERVIEW

- Monitoring bacterial growth
- Mold detection with AI
- Remote access (included in Connect Module)
- Automatic plate identification
- LIMS connection (included in Connect Module)
- Compatible with dataLink® Pro traceability system

ANALYTICAL PROTOCOL

- Capacity: 100 Petri dishes
- Reading interval between plates: 30 minutes or 1 hour
- Plate loading strategy: Batch or continuous loading
- Maximum incubation period: 10 days
- Camera resolution: 5 megapixels
- Type of plating supported: Pour, surface, exponential, membrane filtration, air sampling, contact plate, Petrifilm™
- Plate diameter: Ø 85-96 mm and Ø 54-67 mm with adaptor (lid up or upside-down)

INCUBATION

- Incubation temperature: 20 °C to 45 °C
- Temperature resolution: ± 0,1 °C
- Incubation temperature accuracy: ± 1 °C (according to FX15-140 standard)
- Temperature recording: Every minute
- Heating and cooling technology: compressor-free Peltier elements

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SOFTWARE

- ScanStation software: Web application, Mobile application (included in Connect Module)
- Languages: English, French, Japanese, Chinese, Spanish, German
- Video player: Play, zoom, pause, replay, during and after incubation
- Computer system supplied : Windows 11 LTSC IoT tower PC with Intel i7 processor
- Monitor: 23 " touchscreen
- Automatic export of results: PDF report, MP4 video, JPG images, CSV text compatible Excel™
- Image storage capacity: 5 years upon 5 Tb
- In compliance with 21 CFR Part 11

ENVIRONMENT

- Storage conditions: 5 °C to 40 °C with max. 80 % relative humidity up to 31 °C and linear decrease to 50 % at 40 °C
- Operating conditions: in a ventilated room, between 18 °C and 25 °C, max. altitude 2000 m
- Max. outside humidity: 70 %
- Warranty: 1 year
- Spare parts availability: 10 years

ELECTRICAL SPECIFICATIONS

- Power supply without UPS: 100-240 V~50/60 Hz / Input1(Machine): 11.5 A / Computer + Screen: 4.5 A
- Power supply with UPS
  100-125 V~50/60 Hz (with 110 V UPS) / Input1 : 11.5 A / Input2 : 4.5 A
  100-240 V~50/60 Hz (with 220 V UPS) / 13 A
- Max. power : 1000 W
- Protection class: IP2X (complete equipment), IP4X (electronic enclosure)

WEIGHTS AND DIMENSIONS

Dimensions	(w x d x h)	Net weight	Gross weight
ScanStation (without option)	135.3 x 82.3 x 143.5 cm	355 kg	533 kg
ScanStation (without option) with handles removed	135.3 x 78.6 x 143.5 cm		
ScanStation + Lateral supports for keyboard and monitor (Ref. 439 110)	219 x 82.3 x 143.5 cm	363 kg	541 kg
ScanStation + Central supports for keyboard and screen (Ref. 439 111)	135.3 x 149 x 143.5 cm	361 kg	539 kg
Boxing	168.6 x 96 x 226 cm		

DELIVERED WITH

- 1 computer with power cord
- 1 Wi-Fi antenna connected to computer
- 1 monitor with power cord
- 1 Display Port cable
- 1 USB 3 cable
- 1 wireless keypad
- 1 wireless mouse
- 1 USB dongle for wireless keyboard and mouse
- 1 mains power cord for the unit
- 1 temperature map
- 1 user manual
- 1 maintenance kit including 1 bottle of optical cleaner and 1 grease pump
- 1 test pattern
- 1 certificate of conformity / warranty card

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MANUFACTURING

- Designed and manufactured in France
- Manufacture CE, UKCA, ROHS, WEEE, FCC, NRTL North America
- Suitable for use in accordance with Good Laboratory Practice (GLP)

ACCESSORIES

- Ref. 435 702   Lens cleaner + wipes : Optical cleaner and wipes for ScanStation®
- Ref. 439 021   Adapter set: Set of 7 adapters for Ø 54 mm Petri dishes, for Ø 55 mm Petri dishes, for Ø 56 mm Petri dishes, for Ø 57 mm Petri dishes, for Ø 58 mm Petri dishes, for Ø 66 mm Petri dishes, for ScanStation contact plates
- Ref. 439 022   Adapter for Petri dishes (Ø 54 mm): Set of 10 adapters for Petri dishes Ø 54 mm for ScanStation®
- Ref. 439 023   Adapter for Petri dishes (Ø 55 mm): Set of 10 adapters for Petri dishes Ø 55 mm for ScanStation®
- Ref. 439 024   Adapter for Petri dishes (Ø 56 mm): Set of 10 adapters for Petri dishes Ø 56 mm for ScanStation®
- Ref. 439 025   Adapter for Petri dishes (Ø 57 mm): Set of 10 adapters for Petri dishes Ø 57 mm for ScanStation®
- Ref. 439 026   Adapter for Petri dishes (Ø 58 mm): Set of 10 adapters for Petri dishes Ø 58 mm for ScanStation®
- Ref. 439 027   Adapter for Petri dishes (Ø 59 mm): Set of 10 adapters for Petri dishes Ø 59 mm for ScanStation®
- Ref. 439 028   Adapter for Petri dishes (Ø 60 mm): Set of 10 adapters for Ø 60 mm Petri dishes for ScanStation®
- Ref. 439 029   Adapter for Petri dishes (Ø 61 mm): set of 10 adapters for Ø 61 mm Petri dishes for ScanStation®
- Ref. 439 030   Adapter for Petri dishes (Ø 62 mm): Set of 10 adapters for Petri dishes Ø 62 mm for ScanStation®
- Ref. 439 031   Adapter for Petri dishes (Ø 63 mm): set of 10 adapters for Ø 63 mm Petri dishes for ScanStation®
- Ref. 439 032   Adapter for Petri dishes (Ø 64 mm): Set of 10 adapters for Petri dishes Ø 64 mm for ScanStation®
- Ref. 439 033   Adapter for Petri dishes (Ø 65 mm): Set of 10 adapters for Petri dishes Ø 65 mm for ScanStation®
- Ref. 439 034   Adapter for Petri dishes (Ø 66 mm): Set of 10 adapters for Ø 66 mm Petri dishes for ScanStation®
- Ref. 439 040   Adapter for contact plates (Ø 65 mm): Set of 10 adapters for Ø 65 mm contact plates for ScanStation®
- Ref. 439 042   Adapter for contact plates (Ø 67 mm): Set of 10 adapters for Ø 67 mm contact plates for ScanStation®
- Ref. 439 060   Nebulizer for incubation and counting stations: Disinfection unit for ScanStation® (Phileas Genius™)
- Ref. 439 061   Nebulizer holder: Holder for Phileas Genius™ disinfection unit
- Ref. 439 062   Disinfectant for nebulizer: O2SAFE 7.4 disinfectant for Phileas Genius™ disinfection unit
- Ref. 439 110   Lateral supports for keyboard and monitor: 1 keyboard shelf support + 1 screen support monitor support for ScanStation®. Use to set the height and orientation of keyboard and screen. Position: right or left side of ScanStation®
- Ref. 439 111   Central supports for keyboard and monitor: 1 keyboard shelf support + 1 monitor support for ScanStation®. Use to set the height and orientation of keyboard and screen. Position: front of ScanStation®
- Ref. 439 120   Storage cabinet for incubation and counting stations: PC storage cabinet and accessories for ScanStation®
- Ref. 439 140   UPS (220 V) : Power failure protection (220 V) for ScanStation®
- Ref. 439 145   UPS (110 V) : Power failure protection (110 V) for ScanStation®
- Ref. 439 170   Petri dish automatic identification kit: Barcode (1D) and Datamatrix (2D) reader with a turntable for automatic identification of Petri dishes with ScanStation
- Ref. 439 192   Test pattern for real-time incubator and colony counter: Test pattern to check camera sharpness and centering
- Ref. 522 000   Barcode reader
- Ref. 800 700   Data Integrity Module: Module Data Integrity for accounts management, electronic signatures, audit trail and results validation functions on ScanStation

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