interscience

ScanStation Flex

Real-time incubation and colony counting station

Ref. 439 151



Complies with:

21 CFR Part 11

Data export:

MP4 PDF JPG CSV XLS

Manufactured:

RoHS 2002/95/EC | WEEE 2002/96/EC | CE | UKCA | FC | cULus WUCA | MADE IN FRANCE

ScanStation Flex is an automated real-time incubator and colony-counter that performs fully automated incubation, detection, and counting on Milliflex Oasis®, and various formats of filtration membranes and culture media.

OVERVIEW

- Bacterial growth monitoring
- Mold detection with AI
- Remote access (included in Connect Module)
- Automatic plate identification (active with integrated device - Ref. 439 170)
- LIMS connection (included in Connect Module)
- Compatible with dataLink Pro traceability system
- Telecentric lens for precise counting at plate edges
- **Reading on Milliflex Oasis and alternative filtration formats**

ANALYTICAL PROTOCOL

- Capacity: 150 plates: Petri, Milliflex Oasis
- Reading interval between plates: 1 hour
- Plate loading strategy: Batch mode or continuous loading
- Maximum incubation period: 10 days
- Camera resolution: 5 megapixels
- Type of inoculation on Petri dish: Pour, surface, exponential, filtration membrane, air sampling
- Types of media: Milliflex Oasis, contact Plate, Petrifilm, CompactDry, Easy Plate, MC-Media Pad
- Media format size: Ø 85-96 mm and Ø 54-67 mm with adapter (lid up or upside down)
- Maximum height (Plate + adaptor): 50 mm

INCUBATION

- Incubation temperature: 20 °C to 45 °C (68 °F to 113 °F)
- Temperature resolution: ± 0,1 °C
- Incubation temperature accuracy: ± 1 °C (according to FX15-140 standard)
- Temperature recording: Every minute
- Heating and cooling technology: Peltier modules, compressor free

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interscience in the world

PARIS
Phone: +33 1 34 62 62 61
info@interscience.com

FRANKFURT
Phone: +49 611 7238 7770
sales.germany@interscience.com

BOSTON
Phone: +1 781 937 0007
sales.usa@interscience.com

SHANGHAI
电话: +86 178 2123 6642
sales.china@interscience.cn

SINGAPORE
Phone: +65 6977 7232
sales.asia@interscience.com

TOKYO
Phone: +81 3 6712 9715
sales.japan@interscience.com

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: 2 years (minimum value, may increase depending on settings)
- In compliance with 21 CFR Part 11
- User account management: Local or LDAP

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 (64.4 °F and 77 °F), 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
  200-240 V~50/60 Hz (with 220 V UPS) / 13 A
- Number of phases: 1: Single-phase
- Distribution type: TT
- Max. power: 2000 W
- Protection class: IP2X (Whole device), IP4X (electronical enclosure)

WEIGHTS AND DIMENSIONS

Dimensions	(w x d x h)	Net weight	Gross weight
ScanStation (without option)	152.6 x 82.3 x 198.5 cm	436 kg	614 kg
ScanStation + Lateral supports for keyboard and monitor (Ref. 439 110)	223.8 x 82.3 x 198.5 cm	444 kg	622 kg
ScanStation + Central supports for keyboard and screen (Ref. 439 111)	152.6 x 103 x 198.5 cm	442 kg	620 kg
Box	183 x 97.5 x 227 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
- 2 user manuals
- 1 maintenance kit including 1 bottle of optical cleaner and 1 grease pump
- 1 optical plate
- 1 set of 10 Milliflex Oasis adaptors
- 1 certificate of conformity / warranty card

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PARIS
Phone: +33 1 34 62 62 61
info@interscience.com

FRANKFURT
Phone: +49 611 7238 7770
sales.germany@interscience.com

BOSTON
Phone: +1 781 937 0007
sales.usa@interscienceslab.com

SHANGHAI
电话: +86 178 2123 6642
sales.china@interscience.cn

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sales.asia@interscience.com

TOKYO
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MANUFACTURING

- Designed and manufactured in France
- In compliance with 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. 439 043 Adapter for contact plates (Ø 64.5 mm): Set of 10 adapters for Ø 64.5 mm contact plates for ScanStation
- Ref. 439 044 Adaptor for OASIS™ plate: Set of 10 adaptors for Ø 63.7 mm OASIS™ 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. 439 070 Adaptor for CompactDry: Set of 10 adaptors for CompactDry for ScanStation
- Ref. 439 080 Adaptor for Easy Plate: Set of 10 adaptors for Easy Plate for ScanStation
- Ref. 439 085 Adaptor for Petrifilm: Set of 10 adaptors for Petrifilm CC, RAC, AC for ScanStation
- Ref. 439 090 Adaptor for MC-Media Pad: Set of 10 adaptors for MC-Media Pad for ScanStation
- 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 Optical plate for real-time incubator and colony counter: Optical plate to check camera sharpness and centering
- Ref. 439 395 Blackout panels for ScanStation 300 and Flex: Set of 2 blackout panels for left and right windows - Compatible with the ScanStation 300 and ScanStation Flex models

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- Ref. 800 700 Data Integrity Module: the module Data Integrity enables accounts management, electronic signatures, audit trail and results validation functions on ScanStation.
- Ref. 800 800 Connect Module: the Connect module gives the possibility to receive alerts by email, to access to ScanStation's results via the mobile app, to connect ScanStation to the LIMS.
- Ref. 800 900 Stats Module: the Stats module allows you to view the results with statistics and graphics, function required for Product Qualification.

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