interscience

ScanStation 100

Real-time incubation and colony counting station

Ref. 439 100



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 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 (active with integrated device - Ref. 439 170)
- 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 inoculation on Petri dish: Pour, surface, exponential, filtration membrane, air sampling
- Types of media: 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): 23.5 mm

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: Peltier modules, compressor free

FT_003785_03_01_ScanStation100_EN Information and photos are not contractual. INTERSCIENCE reserves the right to change or improve product specifications without notice. Please visit www.interscience.com for more information. RCS 950 356 220 Versailles. INTERSCIENCE SAS F78860

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 lab.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: 5 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, 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
- International protection marking: 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 143.5 cm	355 kg	533 kg
ScanStation + Lateral supports for keyboard and monitor (Ref. 439 110)	223.8 x 82.3 x 143.5 cm	363 kg	541 kg
ScanStation + Central supports for keyboard and screen (Ref. 439 111)	152.6 x 103 x 143.5 cm	361 kg	539 kg
Boxing	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 certificate of conformity / warranty card

FT_003785_03_01_ScanStation100_EN Information and photos are not contractual. INTERSCIENCE reserves the right to change or improve product specifications without notice. Please visit www.interscience.com for more information. RCS 950 356 220 Versailles. INTERSCIENCE SAS F78860

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@interscienceslab.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

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. 439 060 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. 439 393 Blackout panels for ScanStation 100: Set of 2 blackout panels for left and right windows - Compatible with the ScanStation 100 models
- Ref. 800 700 Data Integrity Module: the module Data Integrity enables accounts management, electronic signatures, audit trail and results validation functions on ScanStation.

FT_003785_03_01_ScanStation100_EN Information and photos are not contractual. INTERSCIENCE reserves the right to change or improve product specifications without notice. Please visit www.interscience.com for more information. RCS 950 356 220 Versailles. INTERSCIENCE SAS F78860

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

- 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.

FT_003785_03_01_ScanStation100_EN Information and photos are not contractual. INTERSCIENCE reserves the right to change or improve product specifications without notice. Please visit www.interscience.com for more information. RCS 950 356 220 Versailles. INTERSCIENCE SAS F78860

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@interscienceslab.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