

ScanStation® 100

Real-time incubator and colony counter

Ref. 439 100



Standards:

21 CFR
Part 11

Data export:



Manufactured under:

RoHS
2002/95/EC

WEEE
2002/96/EC



ScanStation® 100 is a real-time incubator and colony counting station centralizing incubation, detection and counting of 100 Petri dishes simultaneously. (Patented)

TECHNICAL SPECIFICATIONS

- Robotic architecture with incubator, gripper and colony counter
- Platform: extra rigid mass aluminum platform
- Electronic locking door
- Internal light : white LED
- Storage conditions: in a ventilated room, between 18 °C and 25 °C
- Max external humidity temperature: 70%
- Heating and cooling temperature: Peltier modules, compressor free

- Capacity: 100 Petri dishes
- Loading: single or multi-batch
- 1st block of petals of the removable carousel
- Petri dish size: Ø 90 mm right-side or upside down and Ø 55-65 mm (with adaptor)
- Pressure sensitive gripper to fit any type of Petri dish
- Reading time between Petri dishes: 30 minutes or 1 hour
- Precise counting around Petri dish edges

- Included computer system: PC Windows 10 LTSC desktop with Intel i7 processor
- Interface: 23 inches touch screen
- Dedicated software: ScanStation software
- Cam resolution: 5 megapixels
- Telecentric lens
- Video player: Play, zoom, pause, replay, during and after incubation

- Type of plating accepted: pour plate, surface, Spiral®, filtration membrane
- Incubation temperature: from 20 °C to 45 °C
- Accuracy of incubation temperature: ± 1 °C (checked by a 9-point mapping system)
- Temperature recording: every minute
- Max incubation time: 10 days

- Data export to PDF report, mp4 video, jpg, png or bmp images, csv or xls text file, Excel™ recountable session
- USB link
- Compatible with dataLink™ or dataLink™ pro traceability system
- LIMS connection
- Data security: modified data traceability in conformity with 21 CFR part 11

Dimensions	(l x p x h)	Net weight	Gross weight
ScanStation (no option)	135.3 x 82.3 x 94.4 cm	270 kg	440 kg
ScanStation (no option) unmounted handles	135.3 x 78.6 x 94.4 cm		
ScanStation (no option) + Storage stand	135.3 x 82.3 x 146 cm	340 kg	510 kg
ScanStation + Storage stand + Central supports for keyboard and screen	135.3 x 149 x 146 cm	345.8 kg	515.8 kg
ScanStation + Storage stand + Lateral supports for keyboard and screen	219 x 82.3 x 146 cm	347 kg	517 kg

- Dimensions (w x d x h) Storage stand : 135.3 x 76.4 x 59.6 cm - Net weight: 70 kg
- Dimensions (w x d x h) Box (station + stand + supports): 168.6 x 96 x 226 cm
- International protection marking: IP20 (whole device), IP40 (electrical enclosure)
- Voltage and frequency: 100-240 V - 50-60 Hz
- Max power: 2000 W
- Fuses: T3.15A L 250V 5x20 mm
- Warranty: 1 year further to warranty card recording
- Software updates: 3-year warranty further to card recording
- Availability of spare parts: 10 years
- Manufactured under CE, UKCA, ROHS, WEEE, FCC NRTL North America
- Designed and made in France, **GPL-compliant use (Good Laboratory Practice)**

IMAGE STORAGE CAPACITY

Pictures taken every	Nbr of images per day	Disk space used (Mo)	PC standard	
			Nbr of days	Nbr of years
30 mn	4 800	9 600	874	2
60 mn	2 400	4 800	1 748	5

DELIVERED WITH

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

OPTIONS / ACCESSORIES

- Ref 435 702 Optical cleaner + wipes: Optical cleaner and wipes for ScanStation®
- Ref 439 021 Set of adaptors: Set of 7 adaptors for ScanStation®: 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 contact plate for ScanStation®
- Ref 439 022 Adaptor for Petri dishes (Ø 54 mm): Set of 10 adaptors for Ø 54 mm Petri dishes for ScanStation®
- Ref 439 023 Adaptor for Petri dishes (Ø 55 mm): Set of 10 adaptors Ø 55 mm Petri dishes for ScanStation®
- Ref 439 024 Adaptor for Petri dishes (Ø 56 mm): Set of 10 adaptors for Ø 56 mm Petri dishes for ScanStation®
- Ref 439 025 Adaptor for Petri dishes (Ø 57 mm): Set of 10 adaptors for Ø 57 mm Petri dishes for ScanStation®
- Ref 439 026 Adaptor for Petri dishes (Ø 58 mm): Set of 10 adaptors for Ø 58 mm Petri dishes for ScanStation®
- Ref 439 027 Adaptor for Petri dishes (Ø 59 mm): Set of 10 adaptors for Ø 59 mm Petri dishes for ScanStation®
- Ref 439 028 Adaptor for Petri dishes (Ø 60 mm): Set of 10 adaptors for ScanStation® for Ø 60 mm Petri dishes
- Ref 439 029 Adaptor for Petri dishes (Ø 61 mm): Set of 10 adaptors for Ø 61 mm Petri dishes for ScanStation®
- Ref 439 030 Adaptor for Petri dishes (Ø 62 mm): Set of 10 adaptors for Ø 62 mm Petri dishes for ScanStation®
- Ref 439 031 Adaptor for Petri dishes (Ø 63 mm): Set of 10 adaptors for Ø 63 mm Petri dishes for ScanStation®
- Ref 439 032 Adaptor for Petri dishes (Ø 64 mm): Set of 10 adaptors for Ø 64 mm Petri dishes for ScanStation®
- Ref 439 033 Adaptor for Petri dishes (Ø 65 mm): Set of 10 adaptors for Ø 65 mm Petri dishes for ScanStation®
- Ref 439 034 Adaptor for Petri dishes (Ø 66 mm): Set of 10 adaptors for Ø 66 mm Petri dishes for ScanStation®
- Ref 439 040 Adaptor for contact plates (Ø 65 mm): Set of 10 adaptors for Ø 65 mm contact plates for ScanStation®
- Ref 439 042 Adaptor for contact plates (Ø 67 mm): Set of 10 adaptors for Ø 67 mm contact plates for ScanStation®
- Ref 439 050 dataLink™ pro: traceability bundle for Petri dishes, from plating to counting, using label printing
- Ref 439 051 Stickers for printer: Pack of 3 rolls of 2500 adhesive thermal transfer labels - Label size: 5 x 50 mm
- Ref 439 052 Film: Thermal transfer film
- Ref 439 060 Nebulizer for real-time incubator and colony counter: Disinfection unit for ScanStation® (Phileas Genius™)
- Ref 439 061 Stand for nebulizer: Support for Phileas Genius™ disinfection unit
- Ref 439 062 Disinfectant for nebulizer: O2SAFE 7.4 disinfectant for Phileas Genius™ disinfection unit
- Ref 439 110 Lateral stands for screen and keyboard: 1 keyboard shelf support + 1 screen support on articulated arms for ScanStation®. They allow the height and orientation of the keyboard and screen to be adjusted. Position: right or left side of the ScanStation®
- Ref 439 111 Central stands for screen and keyboard: 1 keyboard shelf support + 1 screen support for ScanStation®. They allow the height of the keyboard and screen to be adjusted. Position: front side of the ScanStation®
- Ref 439 120 Storage furniture for real-time incubator and colony counter: ScanStation® furniture for PC and accessories storage
- Ref 439 140 Uninterrupted power supply (220 V): Protection in case of power failure (220V) for ScanStation®
- Ref 439 145 Uninterrupted power supply (110 V): Protection in case of power failure (110V) for ScanStation®
- Ref 439 170 Module for Petri dish automatic identification: Bar-code (1D) and Datamatrix (2D) reader for automatic identification of the Petri dishes for ScanStation®
- Ref 439 190 Maintenance kit for real-time incubator and colony counter: Maintenance kit for ScanStation® with: 1 grease pump, 1 grease, 1 brush, 1 Torx T10 wrench, 1 Torx T20 Torx Wrench, 1 hexagon key hexagonal 2.5mm, 4 Fan Filters, 1 Optical Cleaner, 50 Cleaning Wipes
- Ref 439 192 Test pattern for real-time incubator and colony counter: Test pattern for ScanStation® 100/200/300
- Ref 522 000 Bar-code reader: Barcode reader
- Ref 800 253 IQOQPQ: IQOQPQ document for ScanStation® 300. For IQOO service, please contact us.
- Ref 800 700 21 CFR Part 11 module: 21CFR part 11 module for audit trail, validation of results and management of the software for ScanStation®