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ScanStation® 100
Real-time incubator and colony counter
Ref. 439 100

Standards:

21 CFR
Part 11

Data export:

MP4 | PDF Adobe | JPG JPEG | PNG | BMP Bitmap | CSV | XLS Excel™

Manufactured under:

RoHS 2002/95/EC | **WEEE** 2002/96/EC | CE | UK CA | FC | C WUCA US | MADE IN FRANCE

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
- **Pressure sensitive gripper that fits to any kind of dish**
- Internal light : white LED
- **Capacity: 100 Petri dishes**

- **Reading time in between each Petri dish: 30 minutes or 1 hour**
- Petri dish size: Ø 90 mm right-side or upside down and Ø 55-65 mm (with adaptor)
- **1st block of petals of the removable carousel**
- Type of plating accepted: pour plate, surface, Spiral®, filtration membrane
- Loading: single or multi-batch

- Camera resolution: 5 megapixels
- Interface: 23 inches touch screen
- Dedicated software: ScanStation software
- Data export: mp4 video, pdf, jpeg, png, bmp, csv and xls
- **Video player: Play, zoom, pause, replay, during and after incubation**
- Included computer system: PC Windows 10 LTSC desktop with Intel i7 processor

- 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
- **Heating and cooling temperature: Peltier modules, compressor free**
- ScanStation must be in use in a ventilated room, with normal temperature conditions between 18 °C and 25 °C
- Max external humidity temperature: 70%
- Max incubation time: 10 days

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- Dimensions (w x d x h): 135.3 x 82.3 x 94.4 cm, net weight (without option): 270 kg
- Dimensions with handles dismantled (w x d x h): 135.3 x 78.6 x 94.4 cm
- Furniture dimensions (height): 59.6 cm, net weight: 70 kg
- Total height with storage furniture: 146 cm
- Box (w x d x h): 168.6 x 96 x 207 cm, gross weight (without option): 429 kg
- International protection marking: 20 (Whole device), 40 (electronical enclosure)

- Voltage and frequency: 100-240 V - 50-60 Hz
- Max power: 2000 W
- Fuses : T3,15A L 250V 5x20 mm
- Warranty: 1 year
- Availability of Spare parts: 10 years
- Manufactured under CE, ROHS, WEEE, FCC NRTL North America
- Designed and made in France

SCANSTATION® STORAGE CAPACITY

Recurrence interval	Image quantity/day	Memory used on disk (Mo)	PC standard	
			Qty of day	Qty of years
30 mn	4800	9600	874	2
60 mn	2400	4800	1748	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 general unit 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®

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- **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 439 060**   **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 800 253**   **IQOQPQ:** IQOQPQ document for ScanStation® 300. For IQOQ 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®

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