

## ScanStation® 300

Real-time incubator and colony counter

Ref 439 300



Standards:

**21 CFR**  
Part 11

Data export:



Manufactured under:



ScanStation® 300 is a real-time incubator and colony counting station centralizing incubation, detection and counting of 300 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: 300 Petri dishes**
  
- **Reading time in between each Petri dish: 1 hour**
- Petri dish size: Ø 90 mm right-side or upside down and Ø 55-65 mm (with adaptor)
- **Removable 1<sup>st</sup> petal block of carousel**
- Type of plating accepted: pour plate, surface, Spiral®, filtration membrane
- Loading: single or multi-batch
  
- Camera resolution: 5 megapixels
- **Telecentric lens**
- Interface: 23 inches touch screen
- 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)
- Recording of the temperature: 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

- Dimensions (w x d x h): 135.3 x 82.3 x 149.4 cm, net weight (without option): 350 kg
  - Dimensions with handles dismantled (w x d x h): 135.3 x 78.6 x 149.4 cm
  - Furniture dimensions (height): 59.6 cm, net weight: 70 kg
  - Total height with storage furniture: 201 cm
  - Box (w x d x h): 168.6 x 96 x 226 cm, gross weight (without option): 520 kg
  - International protection marking: 20 (Whole device), 40 (electrical enclosure)
- 
- Voltage and frequency: 100-240V - 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
60 min	7200	14 400	583	2

## DELIVERED WITH

- 1 computer with power cable
- 1 WIFI antenna connected to the computer
- 1 monitor with its 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's 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 plate (Ø 65 mm):** Set of 10 adaptors for Ø 65 mm contact plates for ScanStation®
- **Ref 439 042** **Adaptor for Petri dishes (Ø 67 mm):** Set of 10 adaptors for Ø 67 mm Petri dishes 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 reader (1D) and Datamatrix (2D) 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 **IQQQPQ:** IQQQPQ document for ScanStation® 300. For IQQQ 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®