

ScanStation® 100

Real-time incubator and colony counter

Ref. 439 100



Traceability :



Manufactured under:



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

TECHNICAL SPECIFICATIONS

- **Capacity: 100 Petri dishes**
- **Reading time in between each dish: 30 minutes or 1 hour**
- Petri dish size: Ø 90 mm right-side or upside down and Ø 55-65 mm (with Ø 55-65 mm Petri dish adaptor ref: 439180)
- Type of plating accepted: pour plate, surface, spiral, filtration membrane
- Loading: single or multi-batch
- Camera resolution: 5 megapixels
- Interface: 23 inches touch screen
- Software: ScanStation software
- Data export: Excel™
- **Video player: Play, zoom, pause, replay, during and after incubation**
- Included computer system: PC Windows 10 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
- LED internal light
- Electronic locking door
- **Pressure sensitive gripper to adapt itself to any kind of dish**
- **Robotic architecture with incubator, gripper and colony counter**
- Platform: extra rigid mass aluminum platform
- Warranty: 1 year
- External dimensions (w x d x h): 136 x 83 x 91 cm
- External dimensions – handles dismantled (w x d x h): 136 x 79 x 91 cm
- Height of the storage unit: 62 cm
- Total height with storage unit: 146 cm
- Weight of the ScanStation®: 277 kg (without option)
- Weight of the storage furniture: 70 kg
- Voltage and frequency: 100-240V 50-60 Hz
- Max power: 2000 W

- Manufactured under CE, ROHS, WEEE
- Designed and made in France

DELIVERED WITH

- 1 computer and its power cable OR
1 calculator with its power cable and 1 mini Display Port cable (in option according to the model)
- 1 Wifi antenna connected to the computer or calculator
- 1 monitor with its power cable
- 1 Display Port cable
- 1 USB 3 cable
- 1 wireless keyboard
- 1 wireless mouse
- 1 USB 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

OPTIONS / ACCESSORIES

- **Ref. 435 702** Optical cleaner + wipe
- **Ref. 439 110** Stand for keyboard and screen : for great ergonomics
- **Ref. 439 120** Storage furniture : storage of the computer and accessories
- **Ref. 439 140** Uninterrupted Power Supply : protection in case of power failure (220 V)
- **Ref. 439 145** Uninterrupted Power Supply : protection in case of power failure (110 V)
- **Ref. 439 150** Large storage capacity calculator for ScanStation: increases performance and data storage
- **Ref. 439 170** Automatic identification module of Petri dishes (Bar-code reader (1D) and datamatrix (2D))
- **Ref. 439 180** Ø 55-65 mm Petri dish adaptor
- **Ref. 439 190** Maintenance kit
- **Ref. 800 700** CFR21 part 11 module for ScanStation