

ActiveCount100™

MICROBIOLOGICAL SAMPLER



ActiveCount100 is a high performance portable microbial sampler suitable for use in cleanrooms and aseptic environments.

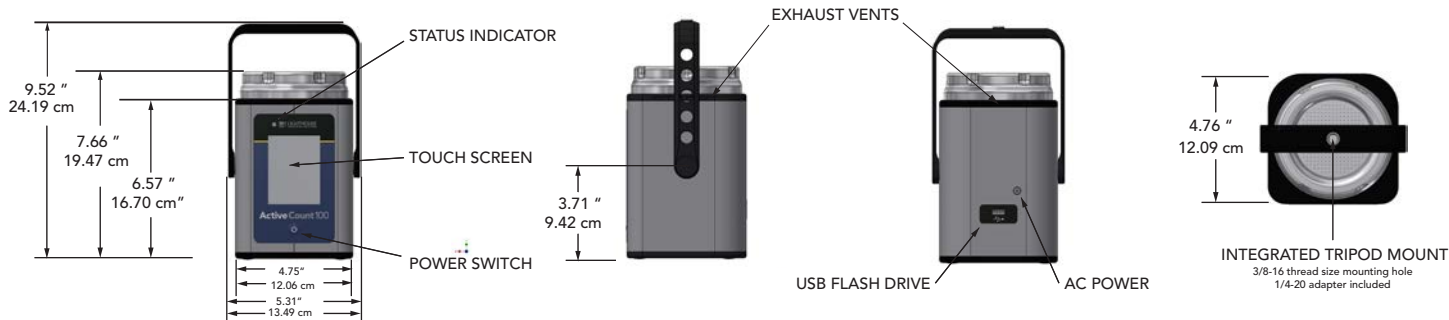
Continuous and periodic sampling enables complete control on sampling cycles and intervals. Autoclavable impactor head and sanitizable stainless steel enclosure ensure ActiveCount100 does not contaminate your sampling environment. Use the optional gas sampler to monitor compressed gasses.

INDUSTRIES

- Pharmaceutical, Hospital, Food & Beverage
- Cleanrooms, Biological Safety Cabinets, Isolators
- IAQ Indoor Air Quality, Museums, Libraries
- Cosmetics, Textiles, Agricultural, Environment
- Additional Aseptic Environment Monitoring Applications

FEATURES

- 3.5 inch (8.9 cm) color touch screen
- Intuitive user interface
- 8 programmable sampling volumes
- 50 programmable user names
- 400 programmable location names
- Flow rate alarming
- Data logging to USB flash drive
- Autoclavable sampling head
- AC/Battery 6 hrs normal use, 2 hrs charge time
- Continuous, Periodic and Gas sampling modes
- Suitable for sterile conditions
- Wipedownable
- Optional compressed gas sampler



TECHNICAL DATASHEET

ActiveCount100 Microbiological Sampler

Features

| | |
|----------------------------------|--|
| Flow rate | 100 liters / minute |
| Impactor head | Aluminum, 300 holes, 19 m/sec (stainless steel option available) |
| Dust cover | Aluminum (stainless steel option available) |
| Adjustable plate holder | Compatible with standard 90 mm petri dish (85mm-91mm), includes adjustment tool |
| Color touch screen | 3.5 inch (8.9 cm) color touch screen with adjustable brightness |
| LED light | RGB LED light for status, alerts and alarms |
| Speaker | Adjustable speaker volume |
| Clock | 12/24 hrs., International date formatting |
| USB port | USB 2.0 port (8 GB flash drive included) |
| Data records | Saved on USB flash drive, .csv file format |
| Log file data fields | Start date, time, location, user, sample duration, flow duration, volume, cycles, status |
| Handle - tripod mountable | Tripod mountable handle 3/8-16, includes 1/4-20 threaded adapter |
| Enclosure | Stainless steel |
| Power | 24 VDC power adapter |
| Battery | 6 hours normal use, Li-ion |
| Weight | 5.77 lbs (2.62 kg) |
| Calibration | Annual |
| Operating environment | 0-90% humidity non condensing, 0-40°C sampling, 0-35°C charging |
| Dimensions | 7.6" x 4.7" x 4.7" (19.4cm x 12.0cm x 12.0cm) |
| Carry case | Pelican case with Lighthouse logo |



Options Available

| | |
|--|---------------------------------------|
| Stainless steel impactor head | Stainless steel, 300 holes, 19 m/sec. |
| Cleanroom tripod | Fixed, Adjustable |
| Compressed gas sampler attachment | Option |
| Petri dish labels | Option |
| IQ/OQ protocols | Option |

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