

ActiveCount100

M I C R O B I O L O G I C A L S A M P L E R



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.

ActiveCount100 has an autoclavable impactor head and sanitizable stainless steel enclosure.

Use the ISO 8573-7 compliant optional gas sampler adapter to monitor viable contamination in pressurized gasses.

F E A T U R E S

- 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 8 hours normal use
- Continuous, periodic and gas sampling modes
- Suitable for sterile conditions
- Wipedownable
- Optional compressed gas sampler
- ISO 8573-1, ISO 8573-7 compliant



TECHNICAL DATASHEET

ActiveCount100 Microbiological Sampler

Features

Flow rate	100 liters/minute \pm 4% ²
Impactor head	Aluminum head with 300 holes, 19 m/sec (stainless steel option available)
Dust cover	Aluminum dust (stainless steel option available)
Adjustable plate holder	Compatible with standard 90 mm petri dish (85mm-92mm), includes adjustment tool
Sample Presets	8 sample size presets from 20L - 2000L
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
USB flash drive	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
Endure	Stainless steel
Power	24 VDC power adapter (100-240V ~ 1.5A 50-60Hz)
Battery	6 Hours continuous sampling or 8 hours normal sampling use ¹ , Li-ion rechargeable, 4 hrs charge time
Weight	5.80 lbs (2.63 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" (19.4 cm x 12.0 cm x 12.0 cm)
Carry case	Pelican case with Lighthouse Worldwide Solutions logo

¹Normal sampling use is defined as sampling 10 minutes, pausing 5 minutes and repeating.

²Monitored by a digital flow sensor.

Included

ActiveCount100, aluminum dust cover, aluminum sample head, petri dish adjustment tool, 8 GB USB flash drive, Lanyard with Lighthouse Logo, 1/4-20 tripod adapter, 24 volt power adapter, power cord, Operating Manual on USB key, and carry case.

Optional

Stainless steel impactor head, stainless steel dust cover, compressed gas sampler, remote sample adapter, tubing, and IQ/OQ protocols.

Distributed By:



Lighthouse Worldwide Solutions reserves the right to change specifications without notice.

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