

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 attachment to monitor compressed gasses.

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 8 hours normal use
- 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 \pm 4% ²
Impactor head	Aluminum head with 300 holes, 19 m/sec (316L Stainless Steel option available)
Dust cover	Aluminum (316L 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
Enclosure	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, 1/4-20 tripod adapter, 24 VDC power adapter and power cord, operators manual on USB key, and carry case.

Optional

316L stainless steel impactor head, 316L stainless steel dust cover, compressed gas sampler, tubing, and IQ/OQ protocols.

Distributed By:



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

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