

# ActiveCount100

## MICROBIOLOGICAL SAMPLER



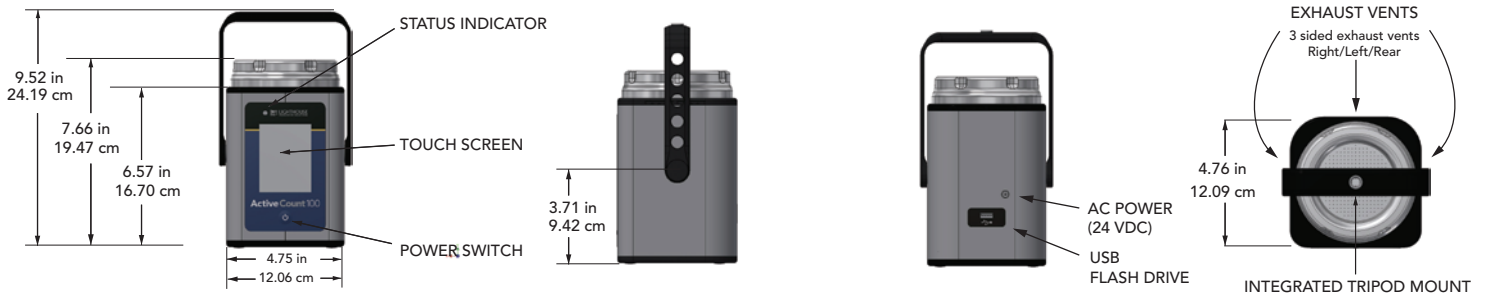
**A**ctiveCount100 is a high performance portable microbial sampler suitable for use in cleanrooms and aseptic environments. Continuous and periodic sampling enables complete control on sampling cycles and intervals.

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.

### 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
- ISO 8573-1, ISO 8573-7 complaint



## TECHNICAL DATASHEET

### ActiveCount100 Microbiological Sampler

#### Features

<b>Flow rate</b>	100 liters/minute $\pm$ 4% <sup>2</sup>
<b>Impactor head</b>	Aluminum head with 300 holes, 19 m/sec (stainless steel option available)
<b>Dust cover</b>	Aluminum dust (stainless steel option available)
<b>Adjustable plate holder</b>	Compatible with standard 90 mm petri dish (85mm-92mm), includes adjustment tool
<b>Sample Presets</b>	8 sample size presets from 20L - 2000L
<b>Color touch screen</b>	3.5 inch (8.9 cm) color touch screen with adjustable brightness
<b>LED light</b>	RGB LED light for status, alerts and alarms
<b>Speaker</b>	Adjustable speaker volume
<b>Clock</b>	12/24 hrs., International date formatting
<b>USB port</b>	USB 2.0 port
<b>USB flash drive</b>	8 GB flash drive included
<b>Data records</b>	Saved on USB flash drive, .csv file format
<b>Log file data fields</b>	Start date, time, location, user, sample duration, flow duration, volume, cycles, status
<b>Handle - tripod mountable</b>	Tripod mountable handle 3/8-16, includes 1/4-20 threaded adapter
<b>Enclosure</b>	Stainless steel
<b>Power</b>	24 VDC power adapter (100-240V ~ 1.5A 50-60Hz)
<b>Battery</b>	6 Hours continuous sampling or 8 hours normal sampling use <sup>1</sup> , Li-ion rechargeable, 4 hrs charge time
<b>Weight</b>	5.80 lbs (2.63 kg)
<b>Calibration</b>	Annual
<b>Operating environment</b>	0-90% humidity non condensing, 0-40°C sampling, 0-35°C charging
<b>Dimensions</b>	7.6" x 4.7" x 4.7" (19.4 cm x 12.0 cm x 12.0 cm)
<b>Carry case</b>	Pelican case with Lighthouse Worldwide Solutions logo

<sup>1</sup>Normal sampling use is defined as sampling 10 minutes, pausing 5 minutes and repeating.

<sup>2</sup>Monitored 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.

[www.golighthouse.com](http://www.golighthouse.com) 1-800 945 5905 (Tollfree)  
[info@golighthouse.com](mailto:info@golighthouse.com) 1-541 770 5905 (Outside of USA)

