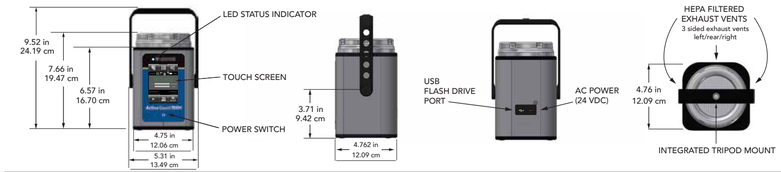
DOCUMENT

ActiveCount microbial air samplers

Lighthouse

Distributed by AKRIBIS





TECHNICAL DATASHEET

ActiveCount100H Microbiological Sampler With HEPA Filtered Exhaust

Features	
Flow rate	100 liters/minute ± 4%
Impactor head	316L Stainless Steel 300 holes, 19 meters/second, autoclavable
Dust cover	316L Stainless Steel, autoclavable
Removable baseplate	Magnetically attached removable, adjustable, autoclavable
Petri dish compatibility	Compatible with standard 90 mm petri dish (85mm-92mm), includes adjustment tool
Sample volume presets	8 programmable volume presets
User names	50 programmable user names
Location names	400 programmable location names
Display	3.5 inch (8.9 cm) color touch screen
LED light	RGB LED light for status, alerts and alarms
Speaker	Adjustable speaker volume
Time/Date formats	Time format 12 or 24 hours, Date formats YYYY/MM/DD, MM/DD/YYYY, DD/MM/YYYY
USB port	USB 2.0 port (8 GB flash drive included)
Data records	Unlimited; saved on USB flash drive in .csv file format
Log file data fields	Start date, time, location, user, sample duration, flow duration, volume, cycles, status
Active flow control	Actively controlled air flow at 100 liters per minute
Handle	Tripod mountable handle 3/8-16, includes 1/4-20 threaded adapter
HEPA filterd exhaust	HEPA filtered exhaust captures 99.97% of particles at 0.3 µm
Enclosure	316L Stainless Steel
Power	24 VDC power adapter (100-240V ~ 1.5A 50-60Hz)
Battery	8 Hours continuous sampling or 10 hours normal sampling use1, 4 hours 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"(h) x 4.7"(w) x 4.7"(d) [19.4 (h) x 12.0 (w) x 12.0 (d) cm]
Carry case	Pelican case with Lighthouse logo

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

Includes ActiveCount100H, 316L stainlees steel sample head, 316L stainless steel dust cover, removable baseplate, blower inlet seal, petri dish adjustment tool, USB 8 GB flash drive with cap, 1/4-20 threaded tripod adapter, 24 VDC power adapter with cord, operators manual on USB flash drive, calibration certificate, carry case.

Optional Remote sampling impactor kit, Rapid Micro Biosystems Cassete sampling kit, compressed gas sampler, tubing, cleanroom tripod, IQ/OQ protocols.

CE

MADE IN USA

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

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LIGHTHOUSE WORLDWIDE SOLUTIONS

Activecount100H

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LIGHTHOUSE WORLDWIDE SOLUTIONS

Activecount100H

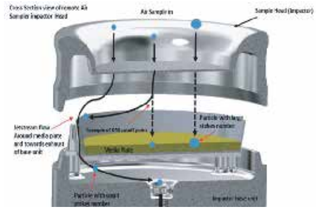
MICROBIOLOGICAL SAMPLER WITH HEPA FILTERED EXHAUST



LIGHTHOUSE WORLDWIDE SOLUTIONS

Suitable for use in Cleanrooms and Aseptic Environments

- ☑ HEPA filtered exhaust compliant with ISO 14698
- ☑ Chemically compatible
- ☑ Ability to sample in grade A environments
- ☑ Ability to be steam autoclaved



Validated D50 Value

The Active Count 100H and the Remote impactor setup both have a validated D50 value of 1.0 µm

Easily Cleanable Due to Material and Innovative Modular Design

- The magnetic plate allows for easy cleaning under the sample area
- All components are easy to wipe down due to minimal tight spaces
- The sampling head, magnetic plate, tubing and remote impactor base are all fully steam autoclavable

Modular Design Allows One Device to Sample Multiple Ways

- Portable Active air sampling
- Remote Active air sampling

*Available with either Growth Direct® System cassettes from Rapid Micro Biosystems or standard magnetic Petri dish holders



Remote sampling base with Growth Direct® System cassette



Remote Sampling Base with magnetic petri holder

AKRIBIS - www.akribis-systems.com

Sample in Grade A Environments with the Remote Impactor Sampling Kit

Portable Viable sampling in grade A environments has always been a challenge. The remote impactor Sampling kit allows you to have the same benefits of the AC100H while sampling in a Grade A Isolator up to 10 feet away with autoclavable tubing.

The modular design allows you to use a traditional magnetic Petri holder or Growth Direct® System cassettes from Rapid Micro Biosystems



Remote Impactor Adapter

Remote Impactor Baseplate and Sample Head

Rapid Detection Technology

Compatible with Rapid Micro Biosystems Growth Direct System

The magnetic Petri dish holder easily swaps with the Growth Direct® System Cassette Holder for both remote and at point sampling that is fully validated by Rapid Micro Biosystems.

The Growth Direct System Provides

Improved Sample Management.

Growth Direct® System cassettes have a unique barcode, providing a secure location for data transfer to LIMS or ERP

Reduced Contamination Risk

Media-filled cassettes are produced in controlled cleanroom environments. Once cassettes are loaded, colony imaging, counting, and data recording are all handled automatically to safeguard sample integrity and the welfare of your people.

Non-Destructive Testing

No reagents are needed for sample analysis. Positive samples continue to incubate so that final colony units (CFUs) can be analyzed and sent for microbial identification without regrowth steps that waste critical time.

