ActiveCount100H
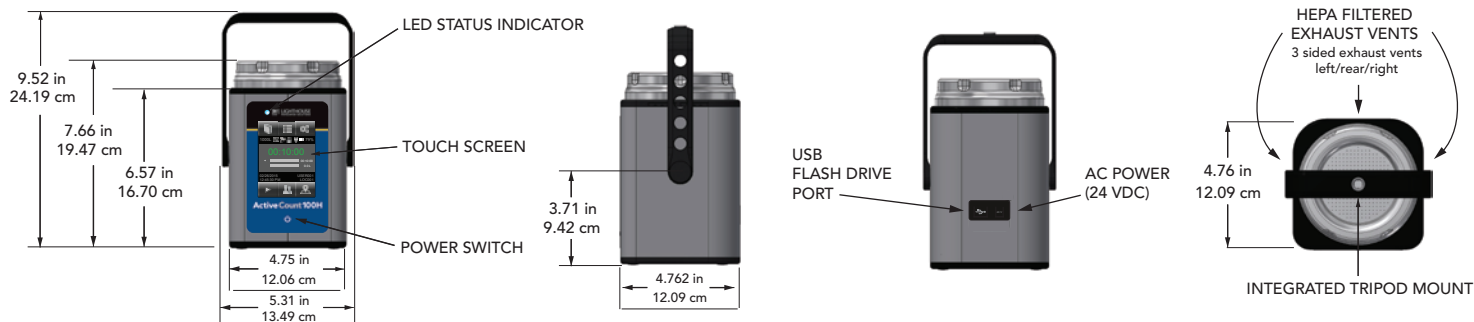## MICROBIAL SAMPLER WITH HEPA FILTERED EXHAUST

ActiveCount100H is a high performance portable active air sampler suitable for use in cleanrooms and aseptic environments. The ActiveCount100H is truly ISO 14698 compliant with a d50 collection efficiency of 1 micron and HEPA filtered exhaust ports designed to avoid re-aspiration of sampled air.

ActiveCount100H offers self-adjusting flow control to ensure accurate sampling as well as continuous & periodic sampling modes for optimum sampling flexibility. The autoclavable impactor head, dust cover and removable baseplate together with a sanatizable stainless steel enclosure and HEPA filtered exhaust; ensure ActiveCount100H will not contaminate your critical environments.

The optional remote sample head minimizes disturbance of unidirectional airflow within a BSC or laminar flow bench and the gas sample option provides the versatility needed to accomplish all your critical sampling requirements.

FEATURES

- 3.5 inch (8.9 cm) color touch screen
- ISO 14698-1 compliant
- HEPA filtered exhaust
- 8 programmable sampling volumes
- 50 programmable user names
- 400 programmable location names
- Flow rate alarming
- Data logging to USB flash drive
- Password security for sample settings
- Autoclavable sampling head and dust cover
- Removable autoclavable magnetic baseplate
- 24 VAC adapter or internal battery 10 hours normal use
- Continuous, Periodic and Gas sampling modes
- Wipedownable and suitable for sterile conditions

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9.52 in
24.19 cm

7.66 in
19.47 cm

6.57 in
16.70 cm

LED STATUS INDICATOR

TOUCH SCREEN

POWER SWITCH

4.75 in
12.06 cm

5.31 in
13.49 cm

3.71 in
9.42 cm

4.762 in
12.09 cm

USB FLASH DRIVE PORT

AC POWER (24 VDC)

HEPA FILTERED EXHAUST VENTS
3 sided exhaust vents left/rear/right

4.76 in
12.09 cm

INTEGRATED TRIPOD MOUNT

T E C H N I C A L   D A T A S H E E T

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	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 use[1], 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.

Included: 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 adapter with iso probe, compressed gas sampler, tubing, cleanroom tripod, IQ/OQ protocols.

Distributed By:

CE

MADE IN USA

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