



## 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 filtered 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

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

**Includes** ActiveCount100H, 316L stainless 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.



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

# Activecount100H

Microbiological Sampler With HEPA Filtered Exhaust

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MICROBIOLOGICAL SAMPLER WITH  
HEPA FILTERED EXHAUST





