

**ActiveCount's** lineup features high-performance portable air samplers designed for cleanrooms and aseptic environments.

With self-adjusting flow control for accurate sampling, these devices offer both continuous and periodic sampling modes for added flexibility.

The **ActiveCount100H** and **ActiveCount25H** models come equipped with HEPA-filtered exhaust, a removable magnetic baseplate, and a stainless steel sampling head with a dust cover, ensuring reliable performance in critical settings.

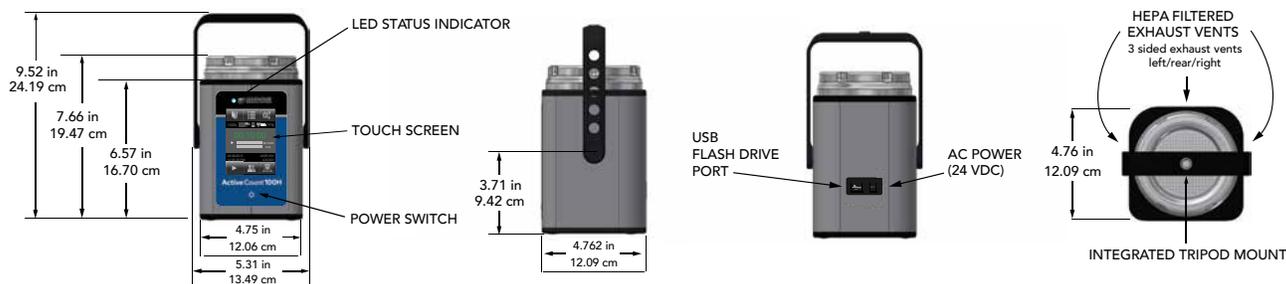
## Features

- 2-Year Warranty
- 400 Programmable Location Names
- 50 Programmable User Names
- Autoclave Compatible Sampling Head & Dust Cover
- Battery with 8-10 Hours Normal Use
- Continuous, Periodic and Gas Sampling Modes
- Data Logging to USB Flash Drive
- Easy-to-Clean and Suitable for Sterile Conditions
- UNI 7141:2020 Compliant
- Password Security for Sample Settings



# ActiveCount

MICROBIAL PARTICLE COUNTER



	AC100H	AC100	AC25H
<b>Flow Rate</b>	100 Lpm	100 Lpm	25 Lpm
<b>Petri Dish Holder</b>	Removable   Magnetic Autoclave Compatible	Fixed	Removable   Magnetic Autoclave Compatible
<b>Impactor Head</b>	316L SS with 300 holes 19m/s d50: 1µm	316L SS with 300 holes 19m/s d50: 1µm	316L SS with 88 holes 19m/a d50: 1µm
<b>Weight</b>	6.75 lbs. (3.06 kg)	5.8 lbs. (2.63 kg)	5.8 lbs. (2.63 kg)

<b>Active Flow Control</b>	Actively controlled air flow
<b>Battery</b>	8 Hours continuous sampling or 10 hours normal sampling use, 4 hours charge time
<b>Calibration</b>	ISO 17025 Accredited
<b>Carry Case</b>	Pelican case with Lighthouse Worldwide Solutions logo
<b>Data Records</b>	Unlimited; saved on USB flash drive in .csv file format
<b>Dimensions</b>	7.6"(h) x 4.7"(w) x 4.7"(d) [ 19.4 (h) x 12.0 (w) x 12.0 (d) cm]
<b>Dish Compatibility</b>	Compatible with standard 90 mm petri dish (85mm-92mm) and Rapid Micro Bio Systems Cassette
<b>Display</b>	3.5 inch (8.9 cm) color touch screen
<b>Dust Cover</b>	316L Stainless Steel, Autoclave Compatible
<b>Enclosure</b>	316L Stainless Steel
<b>Handle/Tripod Mountable</b>	Tripod mountable handle 3/8-16, includes 1/4-20 threaded adapter
<b>HEPA Filter Exhaust</b>	HEPA filtered exhaust captures 99.97% of particles at 0.3 µm
<b>LED Light</b>	RGB LED light for status, alerts and alarms
<b>Location Names</b>	400 Programmable location names
<b>Log File Data Fields</b>	Start date, time, location, user, sample duration, flow duration, volume, cycles, status
<b>Operating Environment</b>	0-90% Humidity non condensing, 0-40°C sampling, 0-35°C charging
<b>Power</b>	24V DC power adapter (100-240V ~ 1.5A 50-60Hz)
<b>Sample Volume Presets</b>	8 Programmable volume presets
<b>Speaker</b>	Adjustable speaker volume
<b>Time/Date Formats</b>	Time format 12 or 24 hours, Date formats YYYY/MM/DD, MM/DD/YYYY, DD/MM/YYYY
<b>USB Port</b>	USB 2.0 port
<b>User Names</b>	50 Programmable user names

**Includes:**

ActiveCount, 316L stainless steel sample head, 316L stainless steel dust cover, removable magnetic baseplate (if applicable), blower inlet seal, Petri dish adjustment tool, USB flash drive, 1/4-20 threaded tripod adapter, 24 VDC power adapter with cord, calibration certificate, carry case.

**Optional:**

Remote impactor kit, Rapid Micro Bio Systems Kit, compressed gas sampler, tubing, cleanroom tripod, IQ/OQ protocols.

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