DATASHEET

ActiveCount microbial air samplers

Lighthouse

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ActiveCount

MICROBIAL PARTICLE COUNTER

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 **Active**Count100H and **Active**Count25H 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 17141:2020 Compliant
- Password Security for Sample Settings





golighthouse.com

info@golighthouse.com

LIGHTHOUSE WORLDWIDE SOLUTIONS

(Toll-free) 1 800 945 5905

(International) +1 541 770 5905

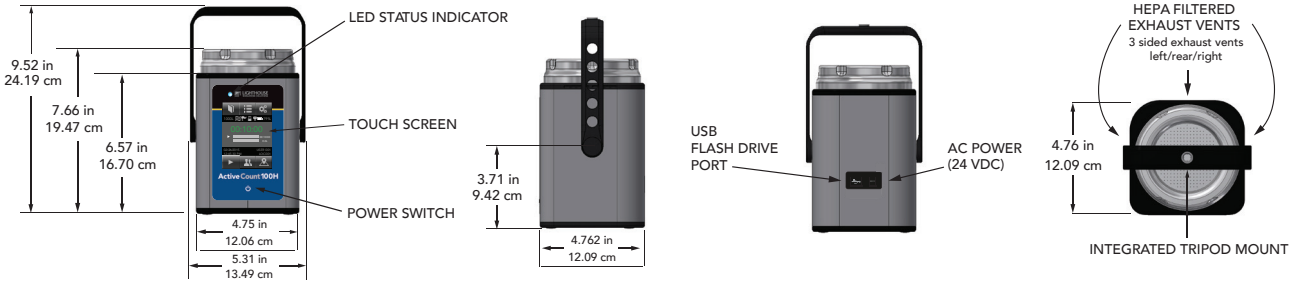
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ActiveCount

MICROBIAL PARTICLE COUNTER



	AC100H	AC100	AC25H
Flow Rate	100 Lpm	100 Lpm	25 Lpm
Petri Dish Holder	Removable | Magnetic Autoclave Compatible	Fixed	Removable | Magnetic Autoclave Compatible
Impactor Head	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
Weight	6.75 lbs. (3.06 kg)	5.8 lbs. (2.63 kg)	5.8 lbs. (2.63 kg)

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