



Advanced Test Equipment Corp.

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

ActiveCount

M I C R O B I O L O G I C A L S A M P L E R S




The ActiveCount family is a set of high performance portable active air samplers suitable for use in cleanrooms and aseptic environments. They offer self-adjusting flow control to ensure accurate sampling, as well as continuous and periodic sampling modes for optimum sampling flexibility.

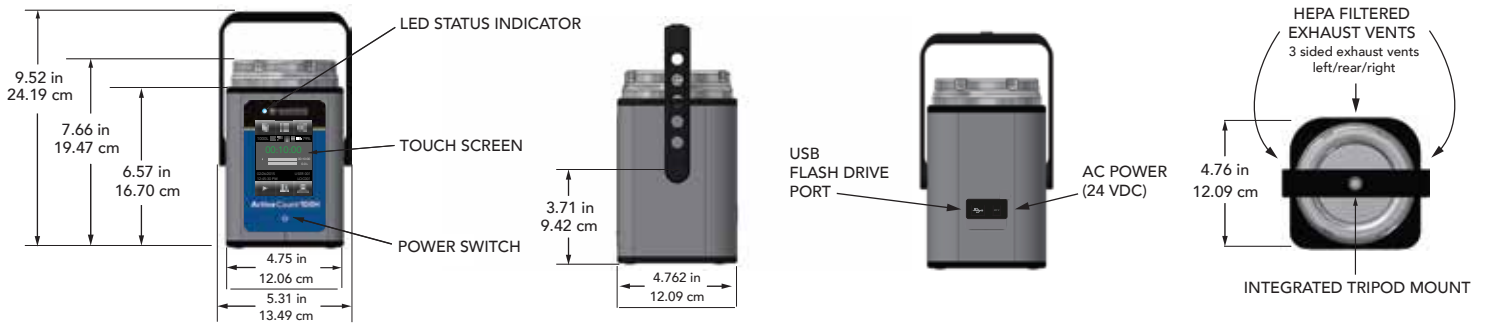
ActiveCount100H and ActiveCount25H come with HEPA filtered exhaust, a removable magnetic baseplate, a stainless steel sampling head and dust cover.

F E A T U R E S

- Wipedownable and suitable for sterile conditions
- Autoclavable sampling head and dust cover
- ISO 14698-1 compliant
- 50 programmable user names
- 400 programmable location names
- Data logging to USB flash drive
- Password security for sample settings
- Continuous, Periodic and Gas sampling modes
- Battery with 8-10 hours normal use
- 2 Year Warranty



 Learn More



TECHNICAL DATASHEET

ActiveCount Microbiological Samplers

Features / Models	AC100H	AC100	AC25
Flow Rate	100 liters/minute	100 liters/minute	25 liters/minute
Petri Dish Holder	Removable, magnetic and autoclavable	Fixed	Removable, magnetic and autoclavable
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/s, d50: 1µm
Weight	6.75 lbs. (3.06 kg)	5.80 lbs. (2.63 kg)	5.80 lbs. (2.63 kg)
Dust cover	316L Stainless Steel, autoclavable		
Dish compatibility	Compatible with standard 90 mm petri dish (85mm-92mm) and Rapid Micro Bio Systems Cassette		
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		
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		
Handle - tripod mountable	Tripod mountable handle 3/8-16, includes 1/4-20 threaded adapter		
HEPA filtered exhaust (H models)	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, 4 hours charge time		
Weight	6.75 lbs. (3.06 kg)		
Calibration	ISO 17025 Accredited		
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 Worldwide Solutions logo		

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.



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