

The BioCapture® 650

represents a significant leap forward in air sampling technology. Incorporating the latest technological breakthroughs in particle collection, the portable and hand-held unit captures airborne pathogens and spores into a concentrated liquid sample. Snap-in, disposable sampling cartridge minimizes set-up and decontamination. The BioCapture® 650 provides the user with an effective and easy-to-use instrument for fast, safe, and efficient biological agent collection.

Preliminary Specifications

Size:	7" x 6" x 14"
Weight:	7.5 lbs
Operating Flow Rate:	200 LPM
Particle Collection Size:	0.5 - 10 microns
Liquid Sample Volume:	5 mL
Sampling Times:	5, 15, 30, 60 minutes
Battery:	Lithium Ion, 2 hour run time
Electrical:	12 VDC, 26 Watts
Operating Angle:	0° to 20° (horizontal)

Environmental Performance

Operating Temperature:	+2°C (+35°F) to +54°C (+130°F)
Storage Temperature:	-46°C (-51°F) to +71°C (+160°F)
Shock/Drop:	36" drop on all faces and edges
Non-Operating Vibration:	5-55 Hz: 0.7g at 5-15Hz; 1.2g at 16-25 Hz; 3g at 26-55 Hz
Operating Humidity:	5% to 95% non-condensing
Operating Altitude:	to 15,000 ft
Rain:	Water tightness; 1.8" per hour in 20 mph wind for 30 minutes
Fungus:	Materials do not support growth
Salt Fog:	Materials certified not to corrode

Key Features

- Single button operation in hot-zone
- Deployment ready for emergency use
- Laboratory effectiveness in a rugged 7.5 lb package
- Collects Anthrax, Plague and other bio-terrorism diseases
- 100% decontamination ability
- Highly operable in sand, dust and inclement environments
- Flexible sampling times
- Disposable collector cartridge prevents cross-contamination
- Easy to operate by user in fully dressed Level A or MOPP-IV gear

