

SAS Army Cyclone

The **SAS-CYCLONE ARMY** microbiological air sampler has been developed for Army and Civil Defence authorities to collect a large volume of air in short time. The large volume of bio-aerosol and the use of Almost RealTime PCR or chip methods give the possibility to obtain the final results about the presence of pathogenic micro-organisms in less than 2 hours. It can be used for molecular biological or traditional microbiology tests.



working position

Method of use:

The disposable vessel containing the sterile fluid is applied to the cyclone chamber. The unit is switched on and the bio-aerosol is collected in the vessel on the bottom of the sampler. At the end of the programmed volume of aspirated air, the fluid of the vessel is used for the next phase of the analytical work.

The basic characteristics:

- Sampling aspiration: cyclone according "Coriolis" principle
- Sampling method: Cyclone
- Air flow rate: 1.200 lts/minute
- Command panel: Volt-meter, main switch, start switch, volume setting
- Construction: stainless/steel
- Feet: Four retractile feet for easy transfer and manipulation
- Sizes: Rest position: 300x260x280 h. mm. Working position: 300x260x400 h mm
- Weight: 14 kg
- Power supply: 2x6 Volts re-chargeable battery packs
- Case type: Hermetic military type aluminium suitcase
- Case sizes: 550x300x450 h mm



rest position

WHAT TO ORDER

91228	SAS Cyclone Army air sampler to be use in conjunction with almost real time PCR or "chip" methods	1/box
91229	Sterile disposable polycarbonate vessels for sample collection and transfer	48/box

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