

Volumetric portable Air Sampler

Powered by high precision DC motor, the portable battery operated air sampler instruments operating on a normal air throughout of ~~≥ 10~~ **≥10 to 300** liters per minute. All parts of the sampler in contact with sampling air should be able to decontaminate using hydrogen peroxide vapor. Standard glass slide/**petridish (90 mm)/ contact plate** can be accommodated. An automatic audible beep sound should be there when the batteries need recharge. It should be capable of 24 hours continuous measurement for outdoor sampling. Exhaust should allow a higher maximum flow rate. The air sampler should operate in any chosen mode: occasionally, periodically/**sequentially** or continuously. ~~7-day mechanical timer,~~ Elapsed time indicator, continuous flow/pressure recorder. Automatic Sampling, ~~24 hrs~~ Programmable timer to automatically shut off the system after pre set time interval. Features like protection of the motor against overload, automatic re-start after power supply failure etc.