

PORTABLE 12/24 VDC AIR SAMPLER MODEL H-809C

Great Sampler for Emergency Response or Temporary Portable Sampling of Air Particulates

- LIGHT WEIGHT AND COMPACT
- SELF-COOLING MOTOR
- EASILY REMOVABLE SAMPLE HEADS
- INDIVIDUALLY CALIBRATED TO CUSTOMER SPECIFICATIONS
- SUPPLIED WITH ROTOMETER GUARD
- UNIT IS FUSED FOR OVERLOAD PROTECTION
- COMPLETE OPERATION MANUAL
- CALIBRATION CERTIFIED TRACEABLE TO NIST
- QUALITY ASSURED



The **Model H-809C** is a lightweight *GRAB* sampler designed for sampling airborne particulates or combination particulates and iodines in the field using a motorized vehicle or RADēCO's Portable 12/24VDC Power Supply. The H-809C is supplied with a battery jumper type cable with large alligator clamps for connecting directly to battery terminals. RADēCO precision machined aluminum sample holders, selected filter discs, and high quality radioiodine cartridges can be used with a RADēCO NIST traceable air flow calibrator to give the user a fully qualified air sampling system.

The flow rate capability of the **H-809C** is dependent upon the pressure drop across the filter media used. Five CFM may be obtained through a 4" diameter filter, while two to three CFM is the upper limit for open face combination filter and charcoal cartridge filter media. High pressure drop filters and cartridges are not recommended for use with this unit. A number of different sample holders are available as accessories.

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Specifications

SIZE:	8" High x 10" Wide x 7" Deep 20.3cm x 25.4cm x 17.8cm
WEIGHT:	11 LBS (5Kg)
POWER CABLE:	12V or 24VDC, 15 Amps
AIR FLOW INDICATOR:	Individually calibrated rotometer; supplied with rotometer guard.
AIR MOVER:	Two stage turbine blower with peripheral exhaust
SAMPLING RATE:	1 to 5 CFM (30 to 140 LPM); Filter media dependent

Sample Heads Available

Model No.	Open Face
2500-23	2" Diameter Filter
2500-33	47mm Diameter Filter
2500-25	4" Diameter Filter
Model No.	Open Face
2500-19	2" Diameter Filter/RADēCO Cartridge
2500-27	2" Diameter Filter/Scott Cartridge
2500-34	47mm Dia. Filter/RADēCO Cartridge
2500-39	47mm Dia. Filter/Scott Cartridge

