



**New Star
Environmental LLC**

"Providing Instrumentation for Air Quality"

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NS-M9096 Mini Stack Sampler

The Mini Stack Sampler is a portable, lightweight and low-cost manual isokinetic sampling system for particulates and gases.

The Mini Stack Sampler is easy-to-use, self-contained in a weatherproof carrying case and fully complies with requirements of ISO 9096, BS 6069 and BS 3405. U.S. EPA has approved the NS-M9096 sampler for use in any instance where EPA Method 17 is allowed.

The standard Mini Stack Sampler consists of a meter console with integral flow meter, flow regulator, dry gas meter and pump along with a sample tube, extendible modular probe, a 47mm filter holder, drying handle, moisture indication tube and four sampling nozzles.

An optional handheld microprocessor-based Profiler is available to determine the velocity profile in the duct or stack by measuring temperature and differential pressure in the flowing air stream. The Profiler also measures ambient pressure and temperature and logs all the data recorded on a point-by-point basis.

Optional impinger systems and heated probes may be used when gaseous compounds are to be trapped downstream of the filter.

The unique flow control system of the Mini Stack Sampler maintains a fixed flow rate through the sampler during pressure drop increases due to the collection of particulate on the filter. This improves overall flow measurement accuracy.

Product ID #:

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Specifications:

Power	110V or 240V
Nozzles	3, 4, 5 & 6mm diameter
Filter Holder	47mm
Sample Line	10m PVC tubing
Maximum Flow Rate	15 lpm free flow of air
Flow Meter	2 to 12 lpm
Weight	33 pounds (15kg)
Dimensions	20 x 20 x 8-inches (50 x 50 x 20cm)