

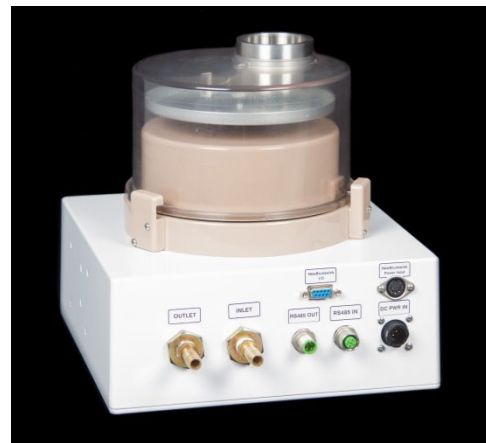
AMAS SLIT SAMPLER

Sampling biological particles in the air has just gotten easier and more reliable. The slit-to-agar sampling instrument has long been the standard benchmark for biological aerosol sampling. As an active monitoring impaction aerosol sampler, AMAS's slit sampler provides the high quality results that you can count on. The AMAS slit sampler collects airborne microorganisms through a high accuracy slit onto standard 150mm agar plates, and is effective in many different applications, including defense, R&D, medical, food, or pharmaceutical.

With over 20 years of experience in providing test and evaluation equipment and services for field, chamber and laboratory environments, the slit sampler was developed to improve its function and usability over previous generation samplers. The goal was to leverage our experience working with these devices into the design and manufacture of the most reliable and user-friendly slit sampler ever produced.

Key Device Features

- Ruggedized design
- Utilizes standard 150mm agar plates
- Simple and robust for reliability and easy field repair and maintenance
- Easy to clean
- Calibrated flowrate/fault sensor
- Touchscreen display for local operation and programming
- Remote controllable and programmable with 2-way communication using a computer
- Configurable over a wide range of sampling times
- Adjustable flowrate
- Automated sequencing and simple interconnection of multiple slit samplers without computer
- Backwards compatible interface for installations currently using obsolete/discontinued slit samplers
- Optional integrated pump and battery box can be supplied for turnkey operation in remote locations



NOTE: Final product may differ from engineering prototype model shown in image

Global Testing Experience

- | | |
|--------------------|-----------------------------|
| • Dugway, Utah | • WIS, Germany |
| • Eglin, Florida | • DGA, France |
| • Suffield, Canada | • Sujchbo, Czech Republic |
| • FFI, Norway | • 2010 Olympics – Vancouver |
| • FOI, Sweden | • G8/G20 – Toronto |
| • TNO, Netherlands | • TWOBIAAS – Prague Metro |

AMAS – Your trusted partner for biological aerosol sampling in field, lab, chamber, and production environments

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Technical Specifications

Specification	AMAS Slit Sampler
Flowrate	15 – 50 LPM, includes flow measurement and fault sensor
Sample Time/Rotation Period	30 seconds – 2 hours
Alarms/Messaging	Touchscreen Display provides audio and visual indications identifying both normal operational events and fault incidents
Remote Alarm	A dry contact trigger can be used to initiate remote events or alarms
Remote Communication	<p>Full 2-way communications when used with AMAS Slit Sampler Control Software (optional)</p> <p>Backwards compatible as drop in replacement for obsolete previous generation samplers</p> <p>Communication interface supports integration into third party or customer developed software</p>
Shunt Valve	<p>Allows automated remote switching between multiple samplers using single vacuum source</p> <p>Protects vacuum source during standby periods of remote operation</p>
Physical Dimensions	<p>Weight: 4.6 kg (without power supply); 10.1 lbs</p> <p>Length: 32 cm; 12.6 in.</p> <p>Width: 25 cm; 9.8 in.</p> <p>Height: 26 cm; 10.2 in</p>
Power Supply Electrical Requirements	<p>100-240 V, 50/60Hz Universal Input</p> <p>24VDC @2.7 Amps MAX Output from included power supply</p>

