

scantago  BIAP®

Slit-to-agar Sampler



The biap® air slit-to-agar is the most reliable and one of the best performing impact samplers on the market.

Typical user applications

- **Aseptic production and clean room facilities**
- **Pharmaceutical and biotech manufacturing facilities**
- **Food processing areas/HACCP monitoring program**
- **Laminar Air Flow benches**
- **Isolators**
- **Operating theatres**
- **Indoor air quality testing**

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Operating principle

The slit-to-agar impact sampler captures a true cross section of bacterial content of the air, drawn into the biap® sampler. The biap® is featured with a HEPA filter in the exhaust in order to avoid influence on the bioburden of the sampling location.



Design

Biap® is designed for use with Ø 140 mm agar plates. The large surface area of the agar plate gives excellent separation of bacterial colonies, which serves to ensure greater accuracy of count by the reduction of air impingement on the agar plate.

The air velocity in the slit is approx. 33 m/sec. this is in order to achieve the unique accuracy and high recovery rate, obtained by the biap® slit-to-agar sampler. 360° turn of agar plate with standard sample time.

Features

The sampler automatically turns off the rotation of the agar plate and airflow, when the sampling time elapses.

As standard the biap® can be delivered with 10, 30, 60 or 180 minutes sampling time, others are available on request.

Sampling volume is approximately 6 m³/hr.

Scantago Biap® III STA meets requirements of ISO 14698-1: Cleanrooms and associated con-

trolled environments - Bio contamination Control – Part 1: General principles and methods.

Options

- **Four straight pipe sections (2 meters in total including two 45° bends) and adaptor for use when sampling in inaccessible areas**
- **Tubing and sample probe for use when sampling in Laminar Air Flow benches and isolators (tubing and accessories can be sterilized in an autoclave)**
- **Flight case for transport**
- **Validation package can be delivered**

Data

Power supply Input:	230VAC. 50/60Hz, 0.4A
Sample time:	10, 30, 60 or 180 minutes
Calibration:	Every 12 months
Noise:	< 56 db
Weight:	7.95 kg and 17.5 kg including transport box
Dimensions:	560 mm x 250 mm x 250 mm (WxDxH)



Documentation

The biap® STA (slit-to-agar) Sampler is CE marked.

Documentation includes operating manual (DK/ UK language) and calibration certificate as standard documentation package.

A comprehensive validation package can be delivered as an option.

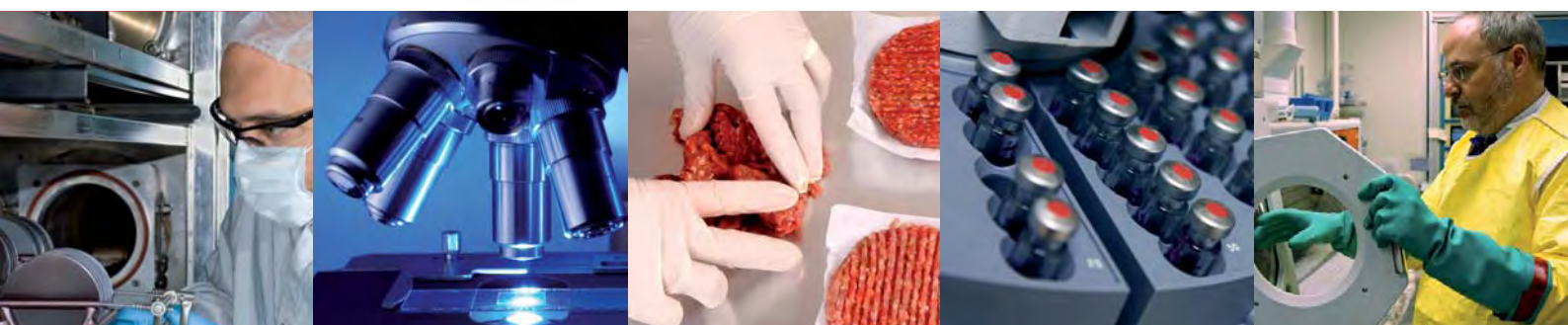
Art. No.	Description
85-0003	Biap III slit sampler
85-050-007	Tube system and adaptor
85-900-029	Tubing system with adaptor (Isokinetic sampling)
85-0005	Transport box (Flight case)

Manufacturing and European sales office

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