

Don't forget...

...Practical training courses

SKC offers regularly held ONE day practical training courses in air monitoring.

The course is suitable for beginners through to those wanting a refresher.

It can be tailored and run in-house and is a mixture of theory and practical sessions.

The course includes:

- Introduction to air sampling methods
- Exposure limits – what they are and how to monitor for them
- Dust/gas/vapour sampling - how, when and why – the recognised methods
- Practical sampling exercises with equipment

For dates and more information, please contact SKC.



Tel: 01258 480188

Fax: 01258 450968

Email: [info@skcLtd.com](mailto:info@skcLtd.com)

[www.skcLtd.com](http://www.skcLtd.com)

SKC Ltd. 11 Sunrise Business Park,  
Higher Shaftesbury Road,  
Blandford Forum. Dorset DT11 8ST



## BioLite Air Sampling Pump

## BioSampler



## BioLite Pump

The SKC BioLite pump was specifically designed for use with the SKC BioSampler for sampling airborne biological hazards (e.g. fungal spores or bacteria) in the form of bio-aerosols. It has a high flow rate – up to 30 l/min – and has a back pressure gauge which indicates when sonic flow has been achieved. The BioLite pump allows you to sample onto a liquid media and is suitable for a wide range of applications, including:

- Indoor air quality testing
- Infection control (e.g. hospitals and vets)
- Infectious disease investigations
- Animal and human exposure/risk investigations
- Agriculture, horticulture, industry and environment e.g. composting, storage areas (wood, waste etc), manufacturing



To place your order and for further information on SKC products and services, please contact SKC technical sales on:

**T: 01258 480188**

**E: info@skcltd.com**

## BioSampler



The SKC BioSampler is a bio-aerosol collection device resembling an impinger. The patented design allows high and constant collection efficiency of viable bio-aerosols for sample times of up to eight hours. The BioSampler's three tangential nozzles act as critical orifices each allowing 4.2l/min ambient air to pass through for a total flow rate of approximately 12.5l/min.

SKC's patented swirling liquid method minimises re-aerosolisation. This also reduces particle bounce, thereby, preserving the microorganism integrity and viability. The BioSampler can be used with non-evaporating collection liquids such as ViaTrap mineral oil, allowing constant collection efficiency over an 8 hour sampling period. Its all-glass construction allows easy cleaning, sterilizing, autoclaving and re-use and samples can be analysed using a variety of methods.

### Sampling with the BioSampler/BioLite

SKC's BioSampler and BioLite Air Sampling Pump are suitable for a range of environments from indoor air quality investigations to infection control in hospitals and veterinary clinics.

Their suitability extends to quantification of microorganisms in agriculture dust, biological research, infectious disease investigations in public buildings, safety concerns in food handling and workplace exposures in industries such as pulp/paper mills or wastewater treatment plants.

### BioSampler/BioLite Parts and Kits

#### **BioLite Pump: 228-9610**

Mounting Bracket for BioSampler: **228-9611**

#### **BioSampler:**

3 piece - inlet section, outlet section & collection vessel.

20ml **225-9595**

5ml **225-9593**

#### **BioSampler Collection Vessel:**

Vessel and ground joint cap for collecting & transporting samples.

20ml **225-9596**

5ml **225-9596A**

#### **ViaTrap Collection Media:**

Special mineral oil for sampling.

120ml **225-9598A**

500ml **225-9598**

950ml **225-9599**

#### **BioSampler Mini Kit:**

1 x BioSampler

2 x 20ml collection vessels with caps

1 x BioSampler case with mounting rod

1 x ViaTrap (120ml)

**225-9597**

