

## UMEX 100 Formaldehyde Badges Instructions Sheet

### DIF700UMEX-F

**Shelf life:** See date on pack. Badges must be exposed and analysed by this date.

**Storage and preparation:** Badges should be stored in a freezer until use, once removed from freezer badges must be used within 3 weeks (provided they are within their shelf life). We recommend wearing gloves whilst handling, these samplers are designed for single use only.

Never prepare in an area where chemicals may be present – uptake of spurious chemicals can occur before a sample is taken. Make sure clothing is free of contamination when preparing tubes. Because of its relatively high sampling rate and sensitive analysis, the UMEX 100 can be used for 15mins sampling in the ppm range, personal monitoring up to 12hrs, and 24hrs to 7-day monitoring of contaminants found in indoor environments.

### Exposure:

1. Open pouch and remove the sampler – DO NOT discard the pouch as it is used to send the sampler back to us. Leave the tape that comes with the sampler in the pouch as well. Store the pouch safely.
2. Write the date, location, and start time on the label on the back of the sampler (do not use Sharpie® markers or equivalent to mark label or pouch).
3. Position the sampler onto workers collar for personal sampling, or in an appropriate location for area sampling.
4. Slide the sampler cover to the “on” position (diffusion plate exposed) to begin sampling.
5. After sampling for the desired time, slide the sampler cover to the “off” position (diffusion plate covered) to stop sampling.
6. Enter the sample stop time on the label on the back of the sampler (do not use Sharpie® markers or equivalent to mark label or pouch).
7. Attach one barcode label onto the sampler and the corresponding barcode label onto the exposure sheet with the relevant exposure information written next to the barcode label for that sampler.
8. Immediately place the sampler in the original pouch and seal the pouch. Badges should be analysed as soon as possible after sampling.



**Returning badges:** Badges should be returned as soon as possible after exposure. Fill in exposure sheet appropriately. They should be returned sealed in their pouch.

### Return address:

Gradko International Ltd, St. Martins House, 77 Wales Street, Winchester, Hampshire, SO23 0RH

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