

UME^x100 Passive Sampler for Formaldehyde



The UME^x 100 Passive Sampler for formaldehyde was developed in collaboration with the National Institute of Working Life in Umea, Sweden.

Constructed of tough polypropylene, the single-use UME^x 100 contains a tape treated with 2,4-dinitrophenylhydrazine (DNPH) for reliable collection of formaldehyde. Samplers are provided in individual aluminiumised pouches that can be used to transport the sampler to a laboratory after sampling.

For convenience and quality control assurance against contamination, each sampler incorporates a "blank/correction" section in addition to the active sampling section so there is no need to send extra samplers to the laboratory.

The shelf-life date is printed on a label on the outside of each pouch for easy inventory management. The UME^x 100 Sampler includes a clip for attachment to a worker's collar for personal sampling or in an appropriate location for area sampling.

- Accurate and reliable for formaldehyde collection
- Accuracy exceeds OSHA standards
- Uses popular 2,4-DNPH chemistry
- Validated by OSHA and Swedish Institute
- Economical low cost sampler
- Easy to use - no pump or training required
- Sample medium and blank/correction in one unit
- Conforms to EU ISO 16000-4-2004
- Documented uptake rates
 - For 15 minute to 24 hour samples
 - For 7 day samples*
- Meets specifications of OSHA Method 1007‡
- Referenced in EPA IP-6C
- Highly sensitive and specific analysis method

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- Small and unobtrusive
- Simple-to-use "on/off" sliding cover
- Low 2 ppb limit of detection
- Safe - No glass or chemical liquids in the sampler
- 28.6 ml/min uptake rate enhances sensitivity for 15 minute, 8 hour, and 24 hour sampling*
- Versatile sampler - suitable for both workplace sampling and long term indoor air sampling

Description	Pack Size	Part Number
UME ^x 100 Passive Sampler for Formaldehyde‡ and other Aldehydes. Designed for single use only. DO NOT reuse UME ^x samplers. Limited shelf-life; storage required at <4°C. Do not store with food.	10	500-100
	25	500-100A
Treated Tape, for QC (quality control) purposes only	50	P20084

‡ If sampling in an atmosphere where Formalin is the source of Formaldehyde, please contact SKC.

* Sampling periods between 24 hours and 7 days have not been evaluated.

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