

New!

UMEX³⁰⁰ Passive Sampler

Workplace Ammonia Sampling Made Easy

- Chemistry similar to active methods OSHA ID-188 and NIOSH 6016
- Accurate, reliable personal and area sampling
- No assembly required – simply move slide to sample
- Lightweight and clips easily in the breath zone
- Economical
 - No pump or training required
 - Low-cost sampler
 - Sample medium and blank/correction in one unit
- Safe – no glass or sulfuric acid liquid in the sampler
- No particulate interference
- Enhanced sensitivity with 39.92 ml/min uptake rate for 15-minute, 8-hour, and 24-hour sampling
- Stand accessory available for area sampling

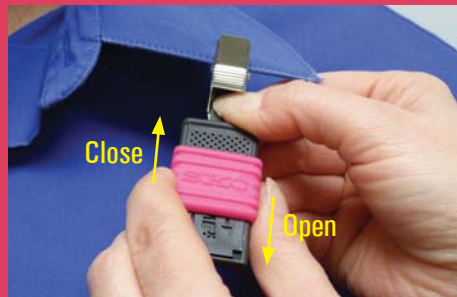


The SKC UME³⁰⁰ Passive Sampler accurately and reliably samples workplace exposure to ammonia. With its 39.92 ml/min sampling rate, the sensitive UME³⁰⁰ detects ammonia to 2.4 ppm for a 15-minute sample, 0.075 ppm for an eight-hour sample, and 0.025 ppm for a 24-hour sample. Each sampler contains a length of sulfuric acid-treated tape and a blank/correction section of tape built into the sampler. Analysis is by ion chromatography (IC) with conductivity detection for the ammonium ion.

So easy to use!



Clip



Sample



Ship



See more information and ordering on reverse side!

SKC Inc. 724-941-9701

SKC-West 714-992-2780

SKC Gulf Coast 281-859-8050

SKC South 434-352-7149

www.skcinc.com

UMEX³⁰⁰ Passive Sampler

Workplace Ammonia Sampling Made Easy

Applications/Industries

Ammonia is one of the most commonly produced industrial chemicals in the United States. Workers can be exposed to ammonia in the following industries:

- **Agricultural** (fertilizers)
- **Janitorial services** (cleaners)
- **Food and beverage** (refrigeration and fermentation)
- **Remediation**
- **Fuel**
- **Manufacturing**
 - Plastics
 - Explosives
 - Pesticides
 - Textiles
 - Dyes



UMEX³⁰⁰ Sampler with sliding cover in sampling position

Performance Profile

Sampling Rate: 39.92 ml/min with a relative standard deviation of 11.4%

Validated Concentration Range: 0.1 to 100 ppm

Analysis Method: Solvent extraction and ion chromatography with conductivity detection for the ammonium ion

Lower Detection Limits: *15 minutes:* 2.4 ppm

8 hours: 0.075 ppm

24 hours: 0.025 ppm

Shelf-life: 9 months from date of manufacture in freezer at ≤ 39.2 F (4 C)

Storage: *Before use:* Freezer at ≤ 39.2 F (4 C)

After use: Analyze within 3 weeks. Store at freezer temperatures of ≤ 39.2 F (4 C) or ambient temperatures of 72 F (22 C)

Accuracy: $\pm 23.4\%$

Temperature Effects: No effect on sampling rate from 22 to 40 C

Humidity Effects: No effect from 20 to 80% relative humidity (RH)

Wind Velocity Effects: No effect from 5 to 100 cm/sec

Interferences: None identified

Dimensions: 3.4 x 1.1 x 0.35 in (8.6 x 2.8 x 0.89 cm)

Weight: 0.38 oz (10.9 gm)

Slide Cover: Pink

Ordering Information

Description	Cat. No.
UMEX ³⁰⁰ ,** for ammonia, pk/10	500-300

* Limited shelf-life. Do not store with food

‡ Requires storage at freezer temperatures ≤ 39.2 F (4 C) before use

UMEX³⁰⁰ passive samplers are designed for single use only. Do NOT reuse UMEX³⁰⁰ samplers.

Accessories	Cat. No.
Treated Tape, for QC purposes only, pk/25	P20083
Stand for Area Sampling	690-302

SKC Limited Warranty and Return Policy

SKC products are subject to the SKC Limited Warranty and Return Policy, which provides SKC's sole liability and the buyer's exclusive remedy. To view the complete SKC Limited Warranty and Return Policy, go to <http://www.skcinc.com/warranty.asp>.

