



Disposable Elemental Mercury Sampler

NEW!

KEY FEATURES

- **Disposable, single-piece sampler**
 - Economical for labs—no cleaning and reloading
- **Meets requirements of OSHA Method ID-140 and MDHS 16/2 (UK)**
- **Lightweight and easy to use; clips to worker's collar—no pump needed**
- **High accuracy, sensitivity, and capacity**
- **Validated for 8 and 12-hour work shifts**
- **Simple analysis using standard laboratory equipment**

The SKC HgChek™ Disposable Elemental Mercury Passive Sampler is a precise, quantitative, and cost-effective diffusive sampler that can be used for compliance sampling. Analysis uses standard laboratory equipment, making it more economical. Following analysis, labs can dispose of the samplers—no cleaning and reloading required.

Applications/Industries

Measures elemental mercury (Hg) in the vapor phase.

- Chemical manufacturing
- Mining and metals processing
- Oil and gas/petrochemical
- Waste management and recycling
- Electrical manufacturing
- Indoor air assessments

PERFORMANCE PROFILE

Housing Material: Nylon

Dimensions/Weight: Diameter: 1.4 in (3.5 cm); Length (including clip): 2.5 in (6.3 cm)

Depth: 0.6 in (1.5 cm); Weight: (0.28 oz 7.94 g)

Sorbent/Amount: Anasorb C300 (SKC proprietary; equivalent to Carulite and Hydrar), 750 mg

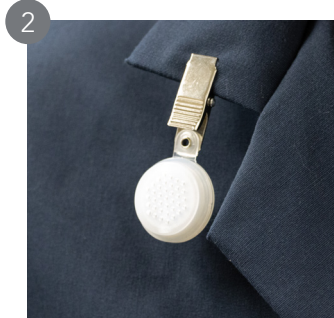
Capacity: >30 µg mercury (OSHA ID 140)

Breakthrough Volume: >150 liters of air (OSHA ID 140)

Overall Coefficient of Variation: 5.5%

Sampling Rate: 0.021 L/min (21 ml/min) at 25 C and 760 torr

Analysis: Atomic absorption (AA)



ORDERING

Available as Cat. No.	Description
520-04	HgChek Elemental Mercury Passive Sampler , contains Anasorb® C300; provided in resealable bag. <i>Limited shelf-life</i>



SCIENCE.SERVING PEOPLE.™

Interested? **Contact SKC!**

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