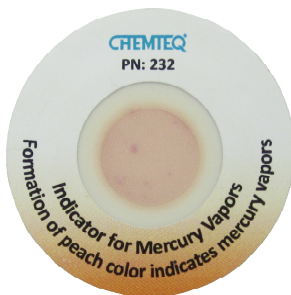


Mercury & Mercury II Compounds Vapors

Area Monitor

(PN: 232)



Manual



1. Application

The Mercury Area monitor (PN: 232) is a colorimetric indicator for the detection of traces of mercury & mercury II compounds vapors in air, suitable locations positions are on stack, duct, vent or flue where representative samples can be obtained.

2. Specifications

- | | |
|------------------------------|---|
| a. Weight: | 0.4g (0.02oz) |
| b. Dimensions: | 2.0mm (0.11in), ϕ : 38.1mm (1.5in) |
| c. Operating temperature: | -20°C to 50°C (-4°F to 122°F) |
| d. Operating humidity: | 5% RH to 85%RH |
| e. Minimum detectable limit: | 0.5mg/m ³ •hr at 30 cm/sec face velocity |
| f. Color change: | Off white to peach |
| g. Storage temperature: | 4°C to 25°C, (39°F to 77°F) |
| h. Shelf life: | 1 year at 4°C to 25°C, (39°F to 77°F) |
| i. Service life: | 20 days |

Cross interferences: Strong oxidizers. No other interferences are known.

3. Operating Instructions

- Ensure that packaging pouch is intact.
- Open packaging pouch by tearing off the top part from one of side notches
- Remove indicator sticker from the packaging pouch (Figure 1).
- Peel off the protective liner to expose the bottom adhesive (Figure 2).
- Record start date and location on the back of the area monitor (Figure 3)



Caution: Do not touch bottom adhesive or exposure area

- Hold the sticker from the edges and place it on a suitable location position on stack, duct, vent or flue where representative sample can be obtained.
- Press firmly to adhere the monitor on the location surface.
- Formation of peach color indicates the presence of mercury.

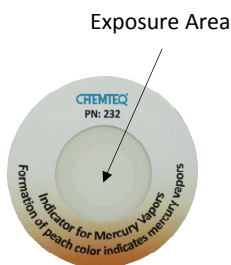


Figure 1

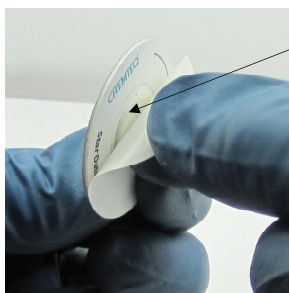


Figure 2

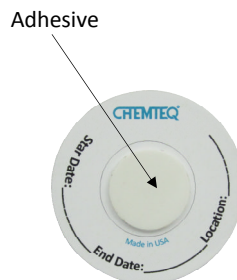


Figure 3

