

## 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.

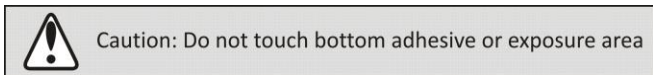
### 2. Specifications

- a. Weight: 0.4g (0.02oz)
- b. Dimensions: 2.0mm (0.11in),  $\phi$ : 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<sup>3</sup>·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

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



- f. 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.
- g. Press firmly to adhere the monitor on the location surface.
- h. Formation of peach color indicates the presence of mercury.

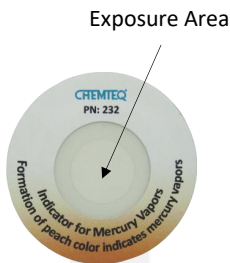


Figure 1

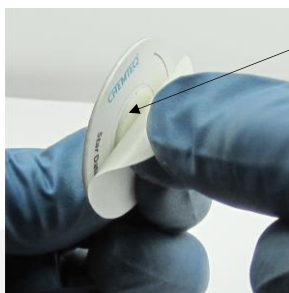


Figure 2

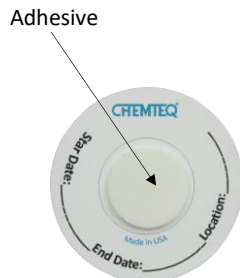


Figure 3

