

Acetone, Acetaldehyde, Acrolein and Methyl Ketones Area Monitor (MEK Area Monitor)

PN: 234

Manual



1. Application

The MEK Area Monitor (PN: 234) is a colorimetric indicator for the indication of trace amounts of acetone, acetaldehyde, acrolein and methyl ketones vapors in air. Suitable locations positions are on stack, duct, vent or flue where representative samples can be obtained.

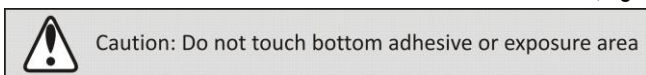
2. Specifications

a. Weight:	0.4g (0.02oz)
b. Dimensions:	2.0mm (0.11in), ϕ : 38.1mm (1.5in)
c. Operating temperature:	-20°C to 30°C (-4°F to 86°F)
d. Operating humidity:	5% RH to 95%RH
e. Minimum detectable limit:	5ppm-hr at 30 cm/sec face velocity
f. Color change:	Yellow to orange to red
g. Storage temperature:	4°C to 25°C, (39°F to 77°F)
h. Shelf life:	1 years at 4°C to 25°C, (39°F to 77°F)
i. Service life:	20 days

Cross interferences and limitations: Acid vapors produce similar color, basic vapors in high concentrations impair the performance of the MEK breakthrough indicator. No other interferences or limitations 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 area monitor 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)



- Hold the monitor 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 to surface.
- Formation of orange or red color indicates the presence of at least 5ppm-hr of acetone, acetaldehyde, acrolein or methyl ketones vapors in air.

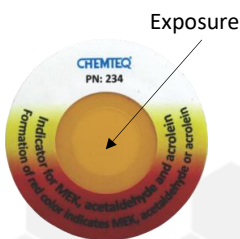
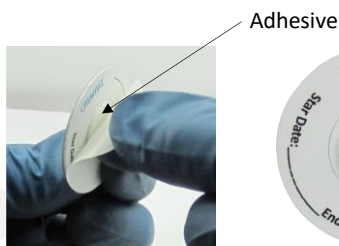


Figure 1



2 Figure



Figure 3

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