



Glutaraldehyde Breakthrough Indicator For Carbon Absorbers

(PN: 166)

Manual



1. Application

The Glutaraldehyde Breakthrough Indicator (PN: 166) is qualitative (yes/no) colorimetric indicator for the end-of-service life of carbon absorbers. It is designed to provide real-time indication of the breakthrough of glutaraldehyde vapor.

2. Specifications

a. Weight:	28g (1.0oz)
b. Dimensions:	89.9mm (3.5in), diameter: 24.5mm (1.0in)
c. Inlet dimensions:	½" MNPT
d. Operating temperature:	-20°C to 55°C (-4°F to 131°F)
e. Operating humidity:	5% RH to 85%RH
f. Minimum detectable limit:	0.6ppm-hr at 30 cm/sec face velocity
g. Color change:	Orange brown or greenish blue (teal)
h. Storage temperature:	4°C to 25°C, (39°F to 77°F)
i. Shelf life:	14 months at 4°C to 25°C, (39°F to 77°F)
j. Service life:	14 months
k. Light effect:	For indoor use only. Outdoor use: Use with BTI protective sleeve, PN: 180-3000. Sold separately.

Cross interferences: Acrolein and aldehydes found in cigarette smoke react with approximately the same sensitivity. 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 the Breakthrough Indicator from the packaging pouch.
- Remove the ½" threaded plug from the carbon absorber outlet lid.
- Remove the protective red plug to activate the breakthrough indicator.
- Thread the Breakthrough Indicator into the ½" threaded carbon absorber outlet lid.



Caution: Only hand tighten indicator into carbon absorber

- Replace carbon absorber when the Breakthrough Indicator changes color to greenish blue (teal).



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