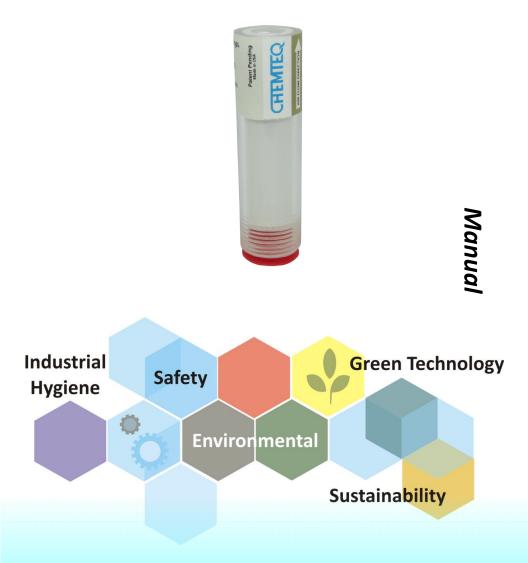


Hydrogen Sulfide Breakthrough Indicator (BTI) For Carbon Absorbers

(PN: 185)



1. Application

The Hydrogen Sulfide Breakthrough Indicator (PN: 185) is qualitative (yes/no) colorimetric indicator for the endof-service life of carbon absorbers and filters. It is designed to provide real-time indication of the breakthrough of hydrogen sulfide gas.

2. Specifications

- a. Weight: 28g (1.0oz) b. Dimensions: 89.9mm (3.5in), diameter 24.5mm (1.0in) C. Inlet dimensions: 34" MNPT d. Operating temperature: -20°C to 65°C (-4°F to 149°F) e. Operating humidity: 5% RH to 90%RH f. Minimum detectable limit: 1.0ppm•min at 30 cm/sec face velocity g. Color change: Light blue 🔵 to brown 🛑 or black 🛑 h. Storage temperature: 4°C to 25°C, (39°F to 77°F) i. Shelf life: 2 years at 4° C to 25° C, (39° F to 77° F) 18 months j. Service life:
- k. Light effect: None

Cross interferences: No 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 the Breakthrough Indicator from the packaging pouch.
- d. Remove the ³/₄" threaded plug from the carbon absorber outlet lid.
- e. Remove the protective red plug to activate the breakthrough indicator.
- f. Thread the Breakthrough Indicator into the 3/4" threaded carbon absorber outlet lid.



g. Replace carbon absorber when the Breakthrough Indicator changes color to brown or black.





Exposed Change carbon absorber

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Chemteq, Inc., 600 West 24th Street, Suite B, Norfolk, Virginia 23517, Tel 757-622-2223, sales@chemteq.net ©2009 Chemteq, Inc. MP-1858100-040414 C

www.chemteq.net