

**Mercury  
Breakthrough Indicator  
Inline  
Hg BTI Inline  
(PN: 612)**



**SPECIFICATIONS**



### 1. Application

The Mercury BTI inline (PN: 612) is qualitative (yes/no) colorimetric indicator for real-time indication of mercury and mercury II compounds vapors.

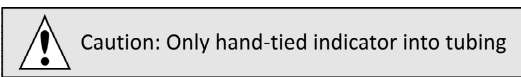
### 2. Specifications

- |                               |   |
|-------------------------------|---|
| a. Weight:                    | 28g (1.0oz)   |
| b. Dimensions:                | 89.9mm (3.5in), diameter 24.5mm (1.0in)             |
| c. Inlet & outlet dimensions: | 3/4" MNPT   |
| d. Operating temperature:     | -20°C to 50°C (-4°F to 122°F)                       |
| e. Operating humidity:        | 5% RH to 95%RH                                      |
| f. Minimum detectable limit:  | 0.5mg/m <sup>3</sup> •hr at 30 cm/sec face velocity |
| g. Color change:              | Off white to peach                                  |
| h. Storage temperature:       | 4°C to 25°C, (39°F to 77°F)                         |
| i. Shelf life:                | 1 year at 4°C to 25°C, (39°F to 77°F)               |
| j. Service life:              | 8 months  |

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

### 3. Instructions

- Ensure that packaging pouch is intact.
- Open packaging pouch by tearing off the top part from one of side notches.
- Remove the BTI Inline from the packaging pouch.
- Remove the protective red plugs to activate the breakthrough indicator.



- Formation of peach color indicates the presence of mercury vapors.

**YOU CAN REUSE THE EXHAUSTED MERCURY BTI INLINE BY REPLACING THE CONSUMED MERCURY INDICATOR ASSEMBLY WITH A FRESH INDICATOR ASSEMBLY (PN: 612-1600). PLEASE CONTACT US FOR DETAILS.**



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