# CHEMTEQ

Formaldehyde Filter End-of-Service Life Indicator (ESLI) (PN: 2515-2000)



Filter is good

Replace filter



### 1. Application

The Formaldehyde ESLI (PN: 2515-2000) is qualitative (yes/no) colorimetric indicator for the end-of-service life of filters. The indicator is designed to provide real-time indication of the end-of-service life of formaldehyde filters.

#### 2. Specifications

a.	Weight:	5g (0.18oz)
b.	Dimensions:	21.6mm (0.85in),φ: 25.0mm (1.0in)
с.	Threading:	0.75"-20 UNEF-2A male *
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:	0.3ppm-hr at 30 cm/sec face velocity
g.	Color change:	Light brown to dark blue
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:	1 year

\* UNEF = Unified National Imperial Screw Thread

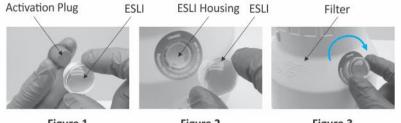
Cross interferences and limitations: Acrolein and aldehydes found in cigarette smoke react with approximately the same sensitivity. No other interferences or limitations are known.

#### 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 ESLI from the packaging pouch.
- d. Remove activation plug (Figure 1).



- e. Hold the ESLI from the edges, as shown in Figure 2, and insert it into the ESLI housing (Figure 2).
- f. Screw the ESLI into the ESLI housing as shown in Figure 3.
- g. Replace or refill filter when the ESLI changes color Light brown to dark blue.



#### Figure 1

## Figure 2

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