



Specification :

| | |
|----------------------------|------------------------------------|
| Measuring Range | Not applicable |
| Outer diameter of the tube | 8 mm |
| Length of tube | 10 mm |
| Gas Flow | 350 ml/min |
| Shelf Life | 3 years |
| Storage condition | Between 5 °C to 25 °C in the dark. |

Application :

This tube is used to purify ambient air to form a zero-air standard for calibrating VOC detectors that is used in PID instrument. Calibration should be performed at the same temperature, humidity, and flow rate described in the PID instrument manual. To connect to PID instrument, use inlet tube adaptor supplied along with PID instrument.

Filtering efficiency for VOCs :

| Compound | Test Concentration (ppm) | Apparent Response on PID Instrument |
|----------------|--------------------------|-------------------------------------|
| Methane | 10000 | 10000* |
| Ethylene | 100000 | 100000* |
| Propane | 100000 | 0 |
| Butane | 10000 | 0 |
| Isobutylene | 100000 | 0 |
| Butadiene | 10000 | 0 |
| n-Hexane | 10000 | 0 |
| Gasoline | 10000 | 0 |
| Toulene | 10000 | 0 |
| Ethanol | 100000 | 0 |
| Acetone | 100000 | 0 |
| Ethylene oxide | 10000 | 0 |
| Benzene | 10000 | 0 |

*Not necessarily the maximum allowable conc.

* This tube cannot remove methane, ethane or ethylene.

Correction For Environmental Parameters :

| | |
|-------------------|--|
| Temperature (°C): | Not necessary between 2 - 40°C (32 - 104°F). |
| Relative humidity | Not necessary between 10 - 95 %. |

Calibration Of The Tube :

Static gas dilution method.