

**Specification :**

| Measurement Range | Extended | Standard | Extended |
|---------------------------------|------------------------------------|---------------|------------|
| | | Do not extend | 1 - 16 ppm |
| No. of Pump Strokes | | 4 (400 ml) | |
| Volume Correction Factor (VCF)* | | 1.0 | |
| Sampling Time | 2 minutes per pump stroke (100 ml) | | |
| Color Change | Pale Yellow → Orange | | |
| Detection Limit | 0.5 ppm (4 pump strokes) | | |
| Shelf Life | 2 years | | |
| Relative standard deviation | ± 10 – 15 % | | |

* Multiply the observed reading by the correction factor (VCF) to obtain the true concentration.

Reaction Principle :**Possible Interferences :**

| Compound | Concentration (ppm) | Interference | Color Change / Comments |
|----------|---------------------|--------------|-------------------------|
| Ketones | | + | Orange |
| Methanol | ≤15 | No | No Effect |
| Toluene | ≤10 | No | No Effect |

Correction For Environmental Parameters :

| | |
|-------------------|--|
| Temperature | Not necessary between 0 - 40°C (32 - 104°F). |
| Relative humidity | Not necessary between 10 - 90 %. |

Calibration Of The Tube :

Static gas dilution method.