

**Performance**

When used, these tubes are to be connected. See page 2-3.

| | |
|---|--|
| Measuring range | 2 to 80 ppm |
| Sampling rate | 100 mL/min (1000 mL) |
| Correction factor | 1 |
| Sampling time | 10 min |
| Detecting limit : | 1 ppm (1000 mL) |
| Colour change : | White → Brown |
| Operating conditions : | Temperature 0 to 40 °C (32 to 104 °F) correction not used Relative humidity 0 to 90 % correction not used |
| Relative standard deviation : | 10 % (for 2 to 20 ppm), 5 % (for 20 to 80 ppm) |
| Tube quantity and number of tests per box : | 10 tubes for 5 tests |
| Shelf life : | 36 months |

Reaction principle**Possible coexisting substances and their interferences**

| Substance | Concentration: | Interference | Changes colour by itself to |
|-----------------------------|----------------|--------------|-----------------------------|
| Alcohols | 200 ppm | No | No |
| Ethyl benzene | 5 ppm | + | Brown |
| Xylene | 10 ppm | + | Brown |
| Ethyl acetate | 200 ppm | No | No |
| Aliphatic hydrocarbons | 100 ppm | No | No |
| Organochlorine hydrocarbons | 150 ppm | + | No |

Calibration gas generation

Diffusion tube method