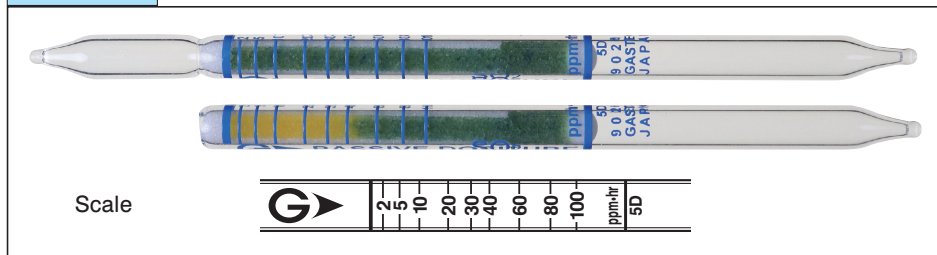


Dosi-tube

Sulphur Dioxide SO₂

No.5D

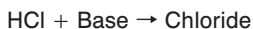


Scale

Performance

| | |
|---|--|
| Measuring range | 0.2 to 100 ppm |
| Sampling time | 1 to 10 hours |
| Colour change : | Green → Yellow |
| 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 30 ppm·hr), 5 % (for 30 to 100 ppm·hr) |
| Tube quantity and number of tests per box : | 10 tubes for 10 tests |
| Shelf life : | 36 months |

Reaction principle



Possible coexisting substances and their interferences

| Substance | Concentration | Interference | Changes colour by itself to |
|-------------------|---------------|--------------|-----------------------------|
| Hydrogen sulphide | | + | } No |
| Nitrogen dioxide | | - | |

Calibration gas generation

Permeation tube method