

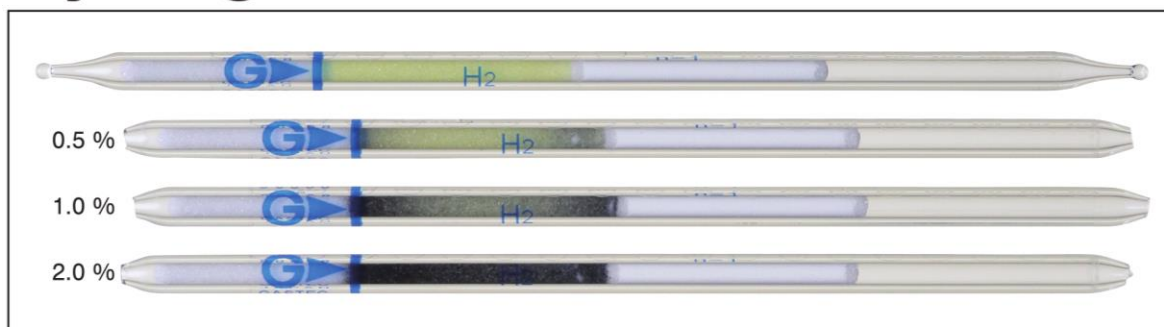


Hydrogen H₂

Part No.:30

Hydrogen H₂

No.30



Performance

| | |
|---|--|
| Measuring range | 0.5 to 2 % |
| Number of pump strokes | 1 (100 mL) |
| Correction factor | 1 |
| Sampling time | 3 min |
| Detecting limit : | 0.5 % (1 pump stroke) |
| Colour change : | Yellow → Yellowish brown |
| Operating conditions : | Temperature 0 to 40 °C (32 to 104 °F) correction not used Relative humidity 0 to 90 % correction not used |
| 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 |
|-------------------|---------------|--|-----------------------------|
| Acetylene | | Two layers (yellowish brown & dark brown) + | Blackish brown |
| Carbon monoxide | | | |
| Hydrogen sulphide | | | Yellowish brown |
| Ethylene | | | |

Calibration gas generation

High pressure gas cylinder method

Special note

This is not a direct reading tube. Concentrations should be determined by using the concentration chart attached with this tube.