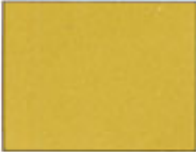




**Performance**

Measuring Range	0.5 to 2.0%
Number of Pump Stroke	1
Correction Factor	1
Sampling Time	3 minutes per pump stroke
Detecting Limit	0.5% (n=1)
Colour Change	Yellow → Yellowish brown
Reaction Principle	Hydrogen reduces sodium palladosulfide to liberate metallic palladium.
Shelf Life	3 Years
Corrections for temperature & humidity	Unnecessary
<b>Store the tubes at cool and dark place.</b>	

**Special note**

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

<b>GASTEC H<sub>2</sub> COLOUR INTENSITY Cat.No.30</b>			
Colour Standard			
H <sub>2</sub> Conc.	0.5%	1.0%	2.0%
Sampling	Sampling Time : 3 min./ Pump Stroke (100ml)		

**Possible coexisting substances and their interferences**

Substance	Interference	Change colour by itself
Carbon monoxide Hydrogen sulphide	Produce 2 layers (Yellowish brown and blackish brown)	Produce dark brown
Acetylene	Produce 2 layers (Yellowish brown and blackish brown)	Produce dark brown
Ethylene	Plus error	Produce yellowish brown

**Calibration gas generation** High pressure gas cylinder method

TLV-TWA	TLV-STEL	Explosive range
-	-	4 to 75%