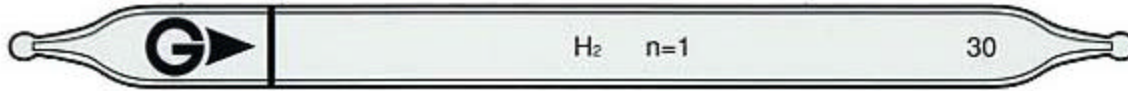





HydrogenHumidity
Correction₂**NO.30****Performance**

Measuring Range	0.5 to 2.0%
Number of Pump Stroke	1
Correction Factor	1
Sampling Time	2 minutes per pump stroke
Detecting Limit	0.5%(n=1)
Color Change	Yellow → Yellowish brown
Reaction Principle	Hydrogen reduces sodium palladosulfide to liberate metallic palladium.
Shelf Life	3 Years
Corrections for temperature & humidity	Unnecessary
Store the tubes at cool and dark place.	

Special note

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

GASTEC H ₂ COLOR INTENSITY			Cat. No. 30
Color Standard			
H ₂ Conc.	0.5%	1.0%	2.0%
Sampling	Sampling Time : 2 min./Pump Stroke (100ml)		

Possible coexisting substances and their interferences (NOTE)

Substance	Interference	Change color by itself
Carbon monoxide Hydrogen sulfide	Produce 2 layers (Yellowish brown and blackish brown)	Produce blackish brown
Acetylene	Produce 2 layers (Yellowish brown and blackish brown)	Produce blackish brown

Ethylene

Plus error

Produce blackish brown

Calibration gas generation High pressure gas cylinder method

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



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