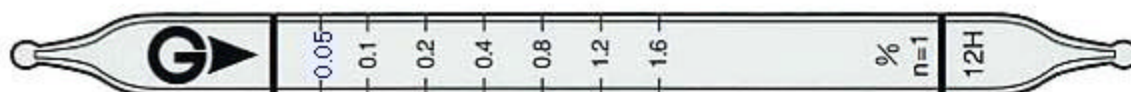


Hydrogen cyanide

HCN

NO.12H**Performance**

Measuring Range	0.05 to 1.6%
Number of Pump Strokes	1
Correction Factor	1
Sampling Time	1 minute per pump stroke
Detecting Limit	0.005% (n=1)
Color Change	Yellow → White
Reaction Principle	Hydrogen cyanide reacts with sodium palladosulfite to form a white reaction product. $\text{HCN} + \text{Na}_2\text{Pd}(\text{SO}_3)_2 \longrightarrow \text{White reaction product}$
Coefficient of Variation	10% (for 0.05 to 0.4 %), 5% (for 0.4 to 2 %)
Shelf Life	3 Years
Corrections for temperature & humidity	Temperature correction is necessary
Store the tubes at cool and dark place.	

Possible coexisting substances and their interferences (NOTE)

Substance	Concentration	Interference	Change color by itself
Carbon monoxide	-	Plus error	Produces blackish brown
Hydrogen sulfide	-	Plus error	Produces blackish brown
Ethylene	-	Plus error	Produces blackish brown

Calibration gas generation High pressure gas cylinder method

TLV-TWA	TLV-STEL	Explosive range
-	C 4.7 ppm	5.6 to 40%

Phone (toll free): 877-312-2333 Fax (toll free) 877-312-2444

Policy Statement and Legal Notices

Nextteq is Gastec's Exclusive U.S. Master Wholesale Distributor. Gastec tubes and pumps are manufactured by the Gastec Corporation.