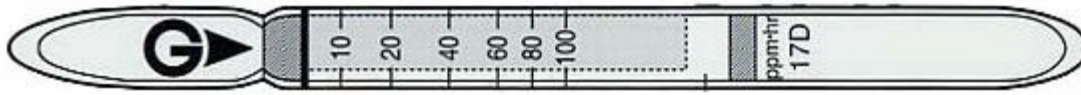


Hydrogen fluoride

HF

NO.17D



Performance

Measuring Range	1 to 100 ppm
Sampling Hours	1 to 10 hours
Detecting Limit	0.5 ppm (10 hours)
Color Change	Yellow → Purple
Reaction Principle	Hydrogen fluoride reacts with indicator to produce purple color.
Coefficient of Variation	15% (for 10 to 20 ppm-hr), 10% (for 20 to 100 ppm-hr)
Shelf Life	3 Years
Corrections for temperature & humidity	Temperature and Humidity 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
Chlorine	1/5 time	Plus error (Bleaches zero zone)	Bleaches zero zone
Hydrogen chloride Nitric acid	1/5 time	Plus error	Discolors Purple

Other substance measurable with this detector tube

Calibration gas generation Permeation tube method

TLV-TWA	TLV-STEL	Explosive range
-	C 3 ppm	-