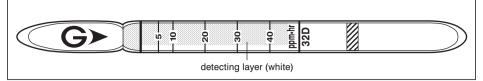
Hydrogen Peroxide H2O2 No.32D



Performance

Measuring range	0.5 to 40 ppm
Sampling time	1 to 10 hours

Colour change : White → Yellow

Corrections for temperature & humidity: Temperature correction is necessary.

Relative standard deviation: 10 % (for 5 to 40 ppm·hr)

Shelf life: 3 years

Reaction principle

 $H_2O_2 + Ti(SO_4)_2$ (white) \rightarrow Yellow product

Possible coexisting substances and their interferences

Substance	Concentration	Interference	Changes colour by itself to
Chlorine, Ozone,		No) N-
Nitrogen dioxide		No	} No
Acetaldehyde	≥ 20 ppm	Unclear	
		demarcation	\ No
Formaldehyde	≥ 10 ppm	_	J

Calibration gas generation

Diffusion tube method