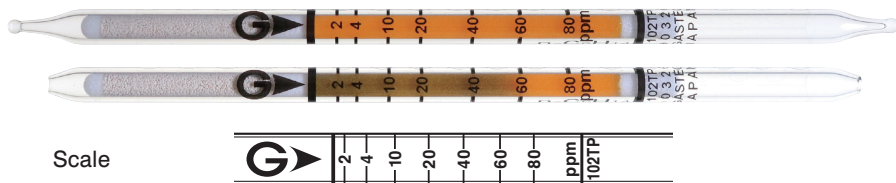


Detector tube

Hexane CH₃ (CH₂)₄CH₃**No.102TP**

Scale

Performance

Measuring range	2 to 80 ppm
Sampling rate	100 mL/min (1000 mL)
Correction factor	1
Sampling time	10 min
Detecting limit :	0.5 ppm (1000 mL)
Colour change :	Yellowish brown → Greenish brown
Operating conditions :	Temperature 0 to 40 °C (32 to 104 °F) correction not used Relative humidity 0 to 90 % correction not used
Relative standard deviation :	10 % (for 2 to 20 ppm), 5 % (for 20 to 80 ppm)
Tube quantity and number of tests per box :	10 tubes for 10 tests
Shelf life :	36 months

Reaction principle**Possible coexisting substances and their interferences**

Substance	Concentration:	Interference	Changes colour by itself to
Sulphur dioxide	≧ 10 ppm	+	Greenish brown
Hydrogen sulphide	≧ 10 ppm	+	Greenish brown
Acetylene		+	Greenish brown
Alcohols		No	No
Esters, Ketones	≧ 110 ppm	+	Greenish brown
Organic solvents (C ₃ or higher)		+	Greenish brown
Aromatic hydrocarbons	≧ 35 ppm	+	Greenish brown

Calibration gas generation

Diffusion tube method