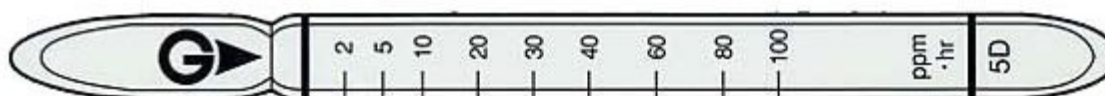


**Sulfur dioxide**    SO<sub>2</sub>**NO.5D****Performance**

<b>Measuring Range</b>	0.2 to 100 ppm
<b>Sampling Hours</b>	1 to 10 hours
<b>Detecting Limit</b>	0.1ppm (10 hours)
<b>Color Change</b>	Green → Yellow
<b>Reaction Principle</b>	Sulfur dioxide react with barium chloride to produce hydrogen chloride to discolor the pH indicator to yellow.
<b>Coefficient of Variation</b>	10% (for 2 to 10 ppm·hr), 5% (for 10 to 100 ppm·hr)
<b>Shelf Life</b>	3 Years
<b>Corrections for temperature &amp; humidity</b>	Unnecessary
<b>Store the tubes at cool and dark place.</b>	

**Possible coexisting substances and their interferences** (NOTE)

Substance	Concentration	Interference	Change color by itself
Nitrogen dioxide	-	Minus error	No discoloration
Hydrogen sulfide	-	Plus error	No discoloration

**Calibration gas generation**    Permeation tube method

TLV-TWA	TLV-STEL	Explosive range
2ppm	5ppm	-