

# Uniphos Detector Tube Data Sheet

Direct Reading Length of Stain Type

## Water Vapor

H<sub>2</sub>O

## SWA-4

TLV (TWA): -----

TLV (STEL): ----

Non Flammable

### Specification:

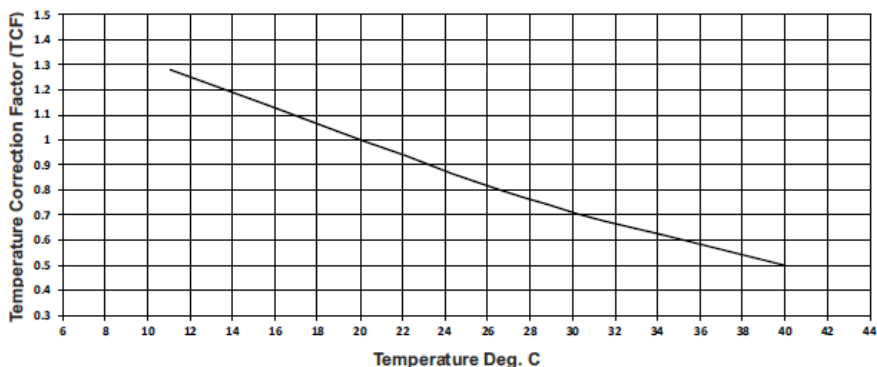
Measurement Range	Extended	Standard	Extended
	3 - 6 lb/MMCF	6 - 40 lb/MMCF	40 - 100 lb/MMCF
No. of Pump Strokes	2 (200 mL)	1 (100 mL)	½ (50 mL)
Volume Correction Factor (VCF)*	0.5	1.0	2.5
Sampling Time	2 minutes per pump stroke (100 mL)		
Color Change	Yellow → Dark green		
Shelf Life	1 year		
Storage condition	Below 10°C (50°F)		
Calibration condition	Calibrated at 20°C (68°F).		
Reaction Principle	$H_2O + Mg(ClO_4)_2 \rightarrow Mg(ClO_4)_2 \cdot H_2O$		
Relative standard deviation	± 10 – 15 %		

\* Multiply the observed reading by the correction factor (VCF) to obtain the true concentration.

### Possible Interferences:

Compound	Concentration (ppm)	Interference	Colour change / Comments
Methane	99.9%	No effect	No effect
Hydrogen sulphide	2000	No effect	No effect
Methanol	50	+	light green

### Correction for Temperature:



\* Multiply the observed reading by the correction factor (VCFx TCF) to obtain the true concentration.



Manufactured By: Uniphos Envirotronic Pvt. Ltd.  
Nahuli (PO), Umbergaon (Tal.)  
Valsad (Dist), Gujarat, India – 396108

Rev.0521