

Uniphos Detector Tube Instruction Sheet

Direct Reading Length of Stain Type

Nitrogen Dioxide in Carbon Dioxide CCND-1H

TWA (TLV): 0.2 ppm

STEL (TLV): ----

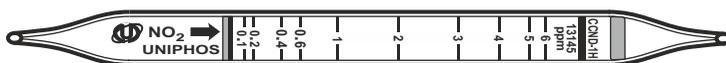
Flammable Range: NA

MOST IMPORTANT:

Before using this product, carefully read this instruction sheet and strictly follow the recommended instructions.

SPECIFICATION:

| | |
|-----------------------|---------------------------------------|
| Measurement Range | 0.1 - 6 ppm v/v |
| Flowrate | 275 ml/min |
| Sampling Time | 4.0 min |
| Sampling Volume | 1100 ml of CO ₂ |
| Color Change | White → Yellowish orange |
| Storage condition | Below 10°C (50°F) |
| Calibration condition | Calibrated at 20°C (68°F) and 50% RH. |
| Active Reagent(s) | O-Tolidine |
| Shelf life | 2 Years |



NOTES:

1. This tube can be used only with passivated CO₂ analyzers used for measurement of NO₂ impurities in compressed CO₂ gas cylinders.
2. This detector tube cannot be used with any UNIPHOS Air sampling pumps (ASP-21, ASP-40).
3. Do not apply more than 138 KPag (20 psig, 1.4 bar) manifold gas pressure to this tube.
4. This detector tube must be stored in cool and dark place. Storage condition is marked on the detector tube box cover.

MEASUREMENT PROCEDURE :

1. Break both ends of the tube using the tip breaker.
2. Follow methods for detection of Nitrogen dioxide in Carbon Dioxide given in the instructions provided with CO₂ analyzer .

CORRECTION FOR TEMPERATURE AND HUMIDITY:

Temperature - Not necessary between 0 - 40°C (32 - 104°F).

Relative humidity - Not necessary between 10 - 90 % RH.

CAUTION:

1. The process of breaking the tube ends can generate flying glass bits and leave the tube with sharp edges. Use eye and hand protection while breaking the tube ends.
2. Keep tubes out of reach of unauthorized persons, especially children.
3. Dispose of used tubes according to local regulations.

IMPORTANT:

As we are continuously working on the improvement of products, we reserve the right to change the specifications without any prior notice.

USER RESPONSIBILITY:

It is also the sole responsibility of the user to ensure that the tubes are not used beyond their expiration date.

The manufacturer and manufacturer's distributors are not otherwise liable for any incorrect measurement and its consequences or any damages resulting from user's negligence or otherwise.

Manufactured By : Uniphos Envirotronic Pvt. Ltd.(100% EOU)



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