

Information Data Sheet

Action Detector Tube NO₂-2

Part No. (US): 84435

Part No. D5085867

1. Application

Detection of nitrogen dioxide (NO₂) in air or in technical gases.

2. Detector Tube Sampling Pump

KWIK DRAW (formerly MSA AUER) Gas-Tester® I/H, Gas-Tester® I / ThumbPump™-Sampler, Toximeter® II, Uniphos Kwik-Draw™-Pump or other suitable detector tubes pumps. Observe respective instructions for use.

3. Measuring Range

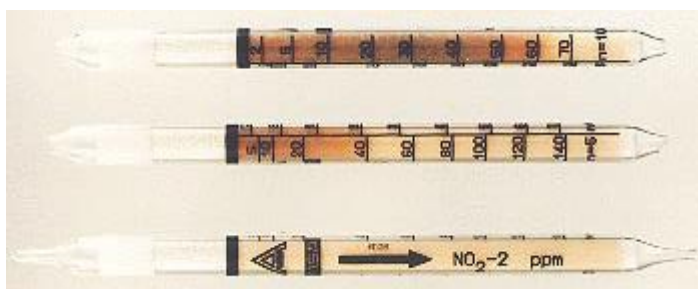
5..... 140 ppm nitrogen dioxide at n=5 (5 strokes).

2..... 70 ppm nitrogen dioxide at n=10 (10 strokes).

4. Chemical Reaction and Color Change

Nitrogen dioxide reacts with o-toluidine to produce yellowish orange stain

Color change: White/pale yellow → Yellowish orange



5. Ambient Conditions During Sampling

Detector tubes can be used without compensation of the reading between 10 °C and 30 °C and between 10% RH [0.7 g/m³ at 5 °C] and 80% RH [24 g/m³ at 30 °C].

6. Interferences and Cross Sensitivities

Halogens (chlorine, bromine), chlorine dioxide, ozone will be indicated. The sensitivity varies.

Manufactured By:

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