



Operating Instructions

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NO/NO₂ Sample Tube Catalog No. 226-40

Nitrogen Dioxide (NO₂) and Nitric Oxide are trapped on a solid sorbent sampling tube which employs the collection of the NO₂ on a triethanolamine (TEA)-impregnated molecular sieve surface; the oxidation of NO to NO₂ by a solid oxidizer, and the collection of the converted NO into NO₂ on another section of TEA sorbent.

Before sampling, all glass ends should be broken and tubes joined together with the supplied tygon tubing with the Oxidizer Tube in the center.

After sampling, separate the sections, discard the oxidizer section and cap all open ends of the remaining sections until analysis can be performed. The caps are supplied.

The TEA tubes are printed as front (NO₂) and back (NO) tube sections. Because the tubes look alike, they must be labeled for proper identification.

NOTE: Use Sample Tube Holder Type D.

Form 3763 Rev 1102

Certificate of Quality



Catalog Number 226-40

Sorbent: Carbon Molecular Sieve coated with
Triethanolamine (TEA) (400 mg)
Draeger oxidizer (800 mg)

Tube Holder: Type D

**SKC is an ISO 9001 registered
manufacturing company.**

For compliance sampling, use these tubes as specified in a validated sampling method. It is the user's responsibility, employing a suitable method, to establish appropriate safety and health practices and to determine the applicability of regulatory limitations before use. The user should adjust the sampling procedures to specific conditions and should test tubes to ensure that the desired results will be obtained.

The SKC Certificate of Quality assures that these sorbent tubes have been manufactured to meet or exceed the requirements for sorbent purity, sample collection and retention, storage stability, and desorption efficiency for the following chemical hazards and analytical methods published by NIOSH, OSHA, or EPA:

Nitric oxide	NIOSH	6014
Nitric oxide	OSHA	ID 190
Nitrogen dioxide (Nitric oxide)	NIOSH	6014
Nitrogen dioxide or Nitric oxide	OSHA	ID 182

SKC Limited Warranty and Return Policy

SKC products are subject to the SKC Limited Warranty and Return Policy, which provides SKC's sole liability and the buyer's exclusive remedy. To view the complete SKC Limited Warranty and Return Policy, go to <http://www.skcinc.com/warranty.asp>.