

# Nextteq HazMat Kits



## Nextteq's Complete Line of First Response/HazMat Products

### Products include:

**Chemical Warfare Agent Detection  
Detection Papers (M8, M9, and 3-Way)  
Detector Tubes**

**Civil Defense Kits**

**Clandestine Lab Kits**

**Custom Industry Kits**

**> HazMat Kits\***

**Training/Certification Kits**

**Civil Defense-Detection Papers**

**Civil Defense-Detector Tubes**

\*Uses Gastec Gas Sampling Pumps and Detector Tubes.

## Nextteq HazMat Kits

### Fast, Accurate, On-the-Spot Identification of Unknown Chemicals

Nextteq's portable HazMat Kits provide immediate identification of unknown chemicals and can detect contaminants competitors miss. The kits offer accurate detection of up to 48 gases, vapors, and liquids—many with lower detection limits than leading competitors. Nextteq offers the only HazMat kits that can detect liquid chemical warfare agents.

The kits, featuring Gastec Gas Sampling Pumps and Detector Tubes, are pre-calibrated and always ready to use. The kits are also intrinsically safe with no batteries or electrical power required.

On-the-spot results save time and money with no waiting for expensive laboratory analysis. Gastec systems require fewer pump strokes and provide faster results than leading competitors. Direct-read tubes expedite accurate sampling without confusion, dual scales, or concentration charts.

Decision charts provide clear, step-by-step instruction for easy and precise chemical analysis.

### Built Tough for Maximum Travel Protection

Deluxe HazMat Kits are housed in corrosion-resistant, water-tight, high-impact Pelican™ cases that are light and convenient to carry. A custom foam insert provides maximum travel protection and organization for contents.

The Standard HazMat Kit contents are packed in a durable leather shoulder bag for easy, hands-free transport to any test site.



Deluxe HazMat Kit

## Nextteq HazMat Kits – Fast, Accurate, On-the-Spot Identification of Unknown Chemicals

### Kits Detect Contaminants Competitors Miss

Nextteq HazMat Kits can identify more chemicals than a leading competitor. While some competitors can detect only 16 chemicals, Nextteq's comprehensive HazMat Kits can precisely identify up to 48 gases, vapors, and liquids.

Nextteq offers the only HazMat kits that can detect liquid chemical warfare agents. M8 Detection Paper provides immediate identification of toxic nerve agents (V and G) and blister agents (H).

### Broader Detection and Operating Ranges Cover More Contaminants

With detection limits for many chemicals lower than competitor limits, Nextteq HazMat Kits can detect trace levels of contaminants that competitors cannot. Additionally, Gastec's higher maximum detection limits provide a more accurate measurement of contamination.

Offering one of the broadest operating temperature ranges, Nextteq's kits can be used in virtually any environment—from 32°F to 104°F.

### Direct-Read Tubes Display More Precise Measurements

Nextteq HazMat Kits, featuring Gastec Gas Sampling Pumps and Detector Tubes, clearly and precisely display results. While some competitor tubes display semi-quantitative results, Gastec Detector Tubes provide exact quantitative measurements. The pre-calibrated, direct-read detector tubes offer distinct lines of demarcation for easier viewing and require no interpretation, dual scales, or color charts.

### Pump Eliminates Partial Samples and Improves Accuracy

Gastec's patented gas sampling pumps offer smooth, precise measurements with no risk of partial samples. Many of the detector tubes included in Nextteq's kits require only 1 pump stroke. Alternatively, competitors can require up to 20 pump strokes.

Gastec systems eliminate measurement errors from mis-counted strokes and partial strokes.

Nextteq's kits contain the first and only gas sampling pumps with direct-read ambient temperature display. Nextteq's patented Thermal Ring is a paper-thin innovation encircling the base of Gastec Gas Sampling Pumps that accurately measures ambient temperature at 9°F intervals from 32°F to 104°F. The Thermal Ring reduces the risk of error and increases safety by enabling First Responders to correct for temperature variances on the spot. It is easy to use, always ready, and intrinsically safe.



### Lower TLVs Enable Better Personal Protective Equipment Decisions

Nextteq HazMat Kits enable First Responders to make more informed decisions regarding safety and personal protective equipment (PPE). For those chemicals with Threshold Limit Values (TLVs), over 95% of the kits' quantitative tubes and over 60% of the qualitative tubes detect at or below the TLV.

Competitors, however, often incorporate tubes with minimum detectable limits well above the TLV. In competitor manifold kits only 26% of the chemicals for which the tubes were calibrated can be detected at the TLV (TWA or C). None can detect below the TLVs (TWA or C). Nextteq HazMat Kits are more sensitive and improve safety.

### Product Quality Certification Ensures Safety

No other manufacturer has more detector tubes certified by the Safety Equipment Institute (SEI) than Gastec. To ensure the highest levels of quality, Gastec Gas Sampling Pumps and Detector Tubes are manufactured in ISO-9001 certified facilities.

## Optional Products and Accessories

### Versatile and Expandable to Meet Your Unique Detection Needs

Nextteq HazMat Kits are available in three building block configurations to suit your budget and detection needs (Standard and Deluxe).

The Deluxe Kit is also available without detector tubes for use as a basis to design a custom kit. Choose from a large selection of Gastec Detector Tubes (over 600 applications) for measuring substances in air, water, and soil to create your personalized kit.

### Call Us For Special Requests.

Toll-free: 877-312-2333



Dosimeter Tubes for TWA Detection



10 Meter Extension Hose



Telescoping Extension Probe



Irritant Smoke Respirator Fit Testing Kits



Irritant Smoke Tube Kits for Respirator Fit Testing and Air-flow Indication



One-Hand Adapter for the GV-100 Sampling Pump



Hot Probe and Hot Probe Holder



Water Test Kits and Solution Tubes



Surface and Skin Chemical Detection Kits



Chemical Warfare Agent Detection

Gastec Gas Sampling Pumps and Detector Tubes are designed, manufactured, and calibrated to work together—perfectly and precisely. For easy tracking and quality assurance, an expiration date and lot number are printed on each tube.

### All-In-One Kits are Ready to Use Anytime, Anywhere

Everything needed to identify up to 48 gases, vapors, and liquids is consolidated into one kit. Contents range from an airflow indicator to light sticks to an extension hose. There is no need for extra equipment, batteries, or laboratory analysis. The portable kits contain everything necessary for fast, on-the-spot identification of unknown contaminants.

### Measurements are Easier to See and Read

Some competitors require First Responders to notice very subtle color changes—for example, from light gray to blue gray—in order to determine the qualitative presence of a chemical. The challenge is compounded when color changes must be identified in poor light conditions or while wearing a respirator. The fact that up to 8% of the population is color blind further complicates the situation.

With no reliance on subtle color changes, Gastec direct-read detector tubes are easy to interpret in any light condition. Simply locate the distinct line of demarcation and read it against the calibration scale stamped on the tube.

### Faster Sample Times Expedite Analysis

Nextteq HazMat Kits expedite analysis by minimizing pump strokes and sample times. Competitors, however, can have average sample times greater than 2 minutes per tube.

Nextteq HazMat Kits are fast and always ready to use. There is no need to calibrate, warm-up, or recharge batteries. On-the-spot testing saves time and money—no waiting for expensive lab results.

### Efficient Building-Block Design Is More Economical

To maximize performance and minimize cost, an innovative building-block design enables First Responders to purchase and use only what is needed for their application and budget. Kits can be customized and expanded with a full line of accessories.

A comprehensive decision chart comes with each kit and provides step-by-step directions to efficiently identify gases and vapors using the fewest detector tubes. The result from a single semi-quantitative, multi-gas detector tube leads to a test(s) using individual quantitative detector tube(s) for precise chemical analysis. Some competitors require the use of up to 15 qualitative tubes to identify the chemical present, increasing the time and cost of analysis.

Nextteq's kits minimize inventory costs and greatly reduce the risk of expired tubes. All of the detector tubes have at least a 2 year shelf life from the manufacturing date compared with the 1 year shelf life a leading competitor advertises for 29% of its tubes.

### Test Method is More Reliable

The gas detection system in Nextteq HazMat Kits is more reliable than other test methods. In a February 1999 publication, the U.S. Military's Aberdeen Proving Ground identified calibration, interference, and sensitivity problems when using PIDs (photo ionization detectors) and FIDs (flame ionization detectors).

Unlike PIDs and FIDs, Nextteq HazMat Kits do not produce false positives from gasoline, diesel fuel, AFFF (aqueous fire fighter's foam), burning tires, or burning wood products. Additionally, the kits do not require frequent and thorough cleaning to maintain performance levels, as the report indicated of PIDs and FIDs. Nextteq HazMat Kits are ready to use anytime, anywhere.

# Nextteq HazMat Kits

HazMat Kit Type	Standard Kit	Deluxe Kit	Deluxe Kit Without Tubes
P/N	STD-100	STD-101	STD-101-1
Number of Chemicals and/or Chemical Warfare Agents Identified	32	48	16
Gastec Gas Sampling Pump Kit (P/N GV-100-S-TR). Pump includes Thermal Ring for measuring ambient temperature.	X	X	X
Detector Tube Handbook	X	X	X
Decision Chart I	X	X	X
Shoulder-Style Carrying Case	X		
Hard Shell Carrying Case with Foam Inserts		X	X
Extension Hose (5 meters)	X	X	X
Nextteq Irritant Smoke Kit (6 smoke tubes)		X	X
M8 Detection Paper for nerve and blister agents (100 tests)		X	X
2 Light Sticks		X	X
Tweezers		X	X
Ammonia Tube 3L (box of 10 tubes/10 tests)	X	X	
Benzene Tube 121S (box of 10 twin tubes/5 tests)	X	X	
Carbon Monoxide Tube 1LA (box of 10 tubes/10 tests)	X	X	
Chlorine Tube 8LA (box of 10 tubes/10 tests)	X	X	
Ethyl Acetate Tube 141L (box of 10 tubes/10 tests)	X	X	
Hydrocarbons (high class) Tube 105 (box of 10 tubes/10 tests)	X	X	
Hydrocarbons (low class) Tube 103 (box of 10 tubes/9 tests)	X	X	
Hydrogen Cyanide Tube 12L (box of 10 tubes/10 tests)	X	X	
Hydrogen Sulfide Tube 4LL (box of 10 tubes/10 tests)	X	X	
Petroleum Naptha Tube 106 (box of 10 tubes/10 tests)	X	X	
Polytec I Tube 107 (box of 10 tubes/10 tests)	X	X	
Stoddard Solvent Tube 128 (box of 10 tubes/10 tests)	X	X	
Sulfur Dioxide Tube 5LB (box of 10 tubes/10 tests)	X	X	



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Gastec tubes and pumps are manufactured by the Gastec Corporation. Nextteq is Gastec's exclusive U.S. master wholesale distributor.

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