

Gastec Pump and Tube System Accessories

- Extension Hoses
- Extension Pole
- Hot Probe
- One-Hand Adapter
- Pyrotec Pyrolyzer
- Thermal Ring
and much more!



Gastec Gas Sampling Pump

(Part No. GV-110-S-TR)

The Solution is Clear

Inlet Clamping Nut-

easy and secure tube insertion that firmly holds Gastec Detector Tube for leak-proof sampling.

TIP BREAKER

Integrated Tube Tip Breaker-

equipped with diamond cutting edge for maximum durability. Discarded tips are safely deposited in the pump head.

Pre-Calibrated, On-Stroke, Piston-Design Pump-

built-tough with corrosion-resistant metal alloy to withstand the harshest environments. LIFETIME WARRANTY.

Firm-Grip, Explosion-Proof Casing-

ergonomically designed and non-slip, the pump body is also intrinsically safe.

Automatic Stroke Counter*-

tracks up to 10 pump strokes to eliminate the risk of miscounting. *Available only on model GV-110.

Fail-Safe Piston Handle-

easy-to-pull handle locks into two positions (50 ml and 100 ml), denoted by clear alignment markings on the shaft and body for accurate and complete sampling.

Flow Finish Indicator-

ensures precise sample volumes by displaying when a 50 ml or 100 ml stroke is complete.



Thermal Ring Kit

(Part No. TRK-GV-100)
for retrofitting a Gastec Gas Sampling Pump

The Nextteq Thermal Ring takes the guesswork out of reading detector tubes impacted by ambient temperature. The patent-pending Thermal Ring increases safety and reduces risk by allowing you to accurately correct for temperature changes on the spot.

NOTE: A Thermal Ring is included at no charge on Gastec Gas Sampling Pumps models GV-100-S-TR and GV-110-S-TR.

■ 5, 10 and 30 Meter Extension Hoses

All of Gastec's Extension Hoses (5, 10 and 30 meter) easily screw onto Gastec's detector tube gas sampling pump and safely enable efficient remote sampling of gases by nontechnical personnel. No tools are required for assembly.

All Gastec extension hoses are constructed of synthetic rubber for flexibility, strength and durability. The 5 meter (16.4 feet) and 10 meter (32.8 feet) hoses with a narrow 7mm diameter and the 30 meter hose (98.43 feet) with an even narrower 5mm diameter easily fit into tight spaces. All of the Gastec extension hose assemblies 5, 10 and 30 meter include the extension hose, metal fitting and rubber shroud tube holder.

5 and 10 Meter Extension Hoses – The convenient 5 and 10 meter hose design eliminates the need for you to factor in hose line air volume when sampling. Sample results can be read directly from the detector tube, no additional calculations, charts or correction factors are required.



- Confined space entry testing
- Sampling ground-water wells
- Testing underground storage tanks
- Ship hull sampling

30 Meter Extension Hose – The longest detector tube extension hose available. Designed to satisfy demand for efficient and complete sampling of ship's large cargo holds and other deep confined spaces; the 30 meter hose is identical in materials, construction and method of assembly as the 5 and 10 meter hoses, however, the size of the parts are different. Due to the long length of the 30 meter extension hose, there is increased flow resistance causing a reduction in the vacuum which effects stain length. Therefore, some tubes need a correction factor and/or longer than normal sampling time to account for the reduced vacuum.

A list of the Gastec detector tube applications by part number that have been tested with the 30 meter extension hose, and that are authorized for use with the 30 meter extension hose, is available at www.nextteq.com or by calling Nextteq LLC toll free at 877-312-2333. Please note that some tube applications may require a correction factor or a revised sampling time. Gastec is constantly testing additional detector tube applications for use with the 30 meter extension hose. If you desire that the tube you are currently using be tested and authorized for use with the 30 meter extension hose, please contact Nextteq LLC.

	5 Meter	10 Meter	30 Meter
1. Gastec Extension Hose Assembly	Part No. 350A	Part No. 350A-10	Part No. 351A-30
2. Gastec Rubber Shroud Tube Holder	Part No. 357	Part No. 357	Part No. 358
3. Gastec Metal Fitting attaches to the Gastec Gas Sampling Pump			

Telescoping Extension Pole ■



Many times industrial hygienists and safety professionals are faced with testing in confined spaces that are not accessed from the top. Even with topside entry, it is advantageous at times to conduct testing at angles other than vertical.

With Gastec's adjustable and rigid telescoping extension pole, one person can easily conduct testing in any direction. Remote testing at angles, horizontally or even vertically upward is possible at distances up to 9.2 feet (2.8 meters) away. Made of corrosion resistant fiberglass, the pole is lightweight and rugged. It contracts to 25 inches (62.5 centimeters) for easy transport.

- Confined space entry
- Remote sampling in any direction

**Gastec Telescoping
Extension Pole**
(Part No. 350BP)

**Gastec Rubber
Shroud Tube Holder**
(Part No. 357) and
Detector Tube

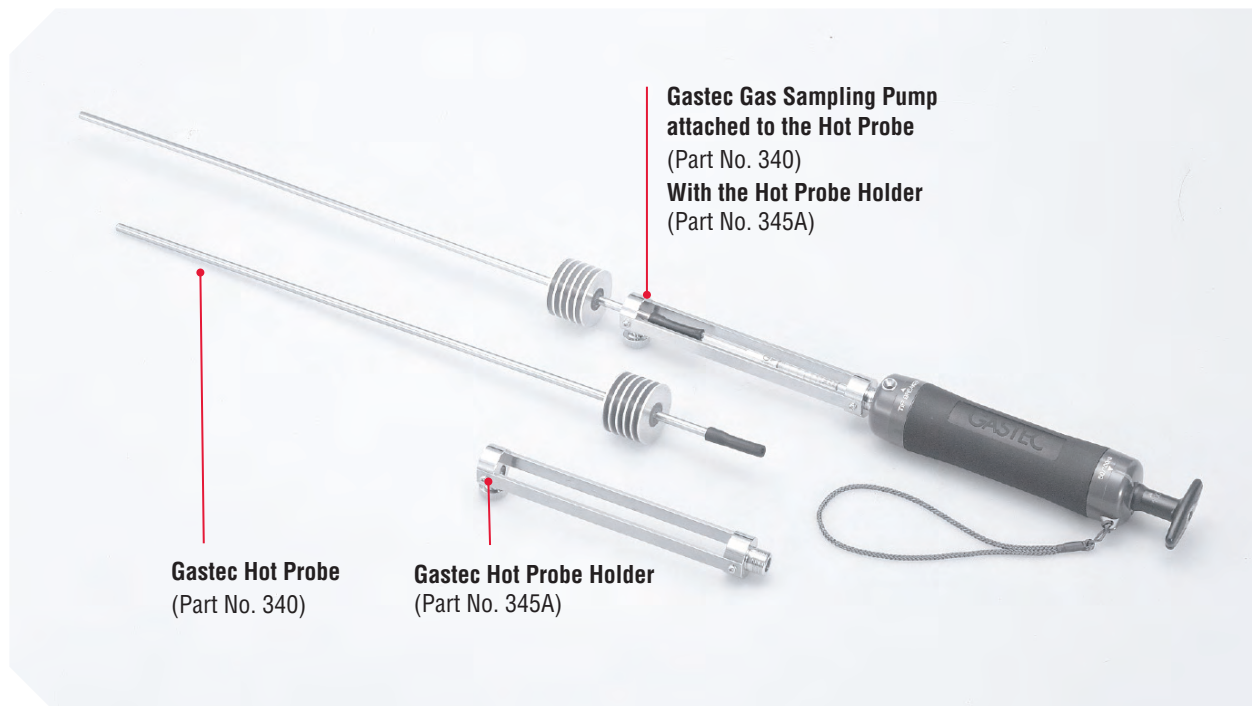
**Gastec Gas
Sampling Pump**



■ Hot Probe and Hot Probe Holder

All Gastec detector tubes are designed to be used at temperatures of 32°-104°F (0-40°C). However, some samples such as flue gases and stack emissions are at elevated temperatures. The Hot Probe rapidly cools samples as hot as 1112°F (600°C) down to ambient temperature before the sample enters the detector tube. The hot probe holder provides horizontal and vertical support and extension for the hot probe. No tools are required for assembly.

- High-temperature sampling made easy
- Flue gas and stack emissions testing



Thermal Ring ■



Ready to Use

The patented Thermal Ring is easy to use, always ready, and intrinsically safe. The Thermal Ring is affixed to the Gastec pump and is perfectly calibrated to work with the Gastec Gas Sampling Pump and Detector Tube Systems.



Thermal Ring

Increases Safety

The Nextteq Thermal Ring takes the guesswork out of reading detector tubes impacted by ambient temperature. Ambient temperature is an important consideration when measuring certain chemicals with any sampling pump and detector tube system. Detector tubes are calibrated at a specific temperature and increases or decreases from this temperature can impact the reading. * Results from under-reported or over-reported chemical levels can create an unsafe condition. The Thermal Ring increases safety and reduces risk by allowing you to accurately correct for temperature changes on-the-spot.

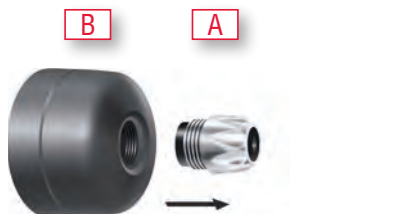
*Note: Reference the Gastec Tube instruction sheet for information on temperature correction.

■ One-Hand Adapter

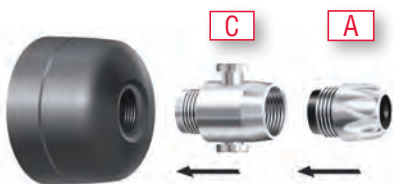
Gastec's One-Hand Adapter is ideal for sampling in hard-to-reach places, such as over vats and from a ladder. With the One-Hand Adapter and the tube inserted into the pump, the pump handle can be drawn back and locked while maintaining the pump vacuum without taking a sample. When you are ready, the pump can be activated and the sample taken with just the push of a button.

- For hard-to-reach places
- One-hand operation
- Push button activation

Two Simple Steps to Assemble



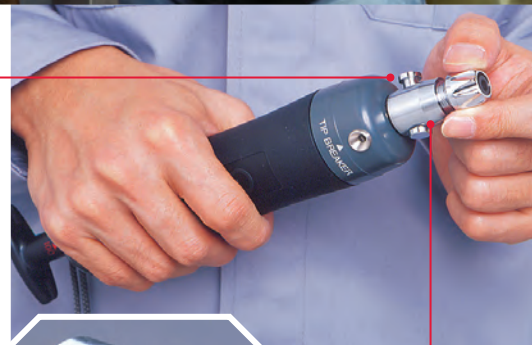
1. Remove the Inlet Clamping Nut and the Rubber Tube Tip Holder (A) from the Gastec Gas Sampling Pump (B).



2. Thread the One-Hand Adapter (Part No. GV-700) (C) in its place and replace the inlet clamping nut and rubber tube tip holder (A) by threading it into the One-Hand Adapter.



Push button operation



One-Hand Adapter attached to Gastec Gas Sampling Pump

Gastec One-Hand Adapter (Part No. GV-700)



Pyrotec Pyrolyzer ■

Quantitatively measure chlorofluorocarbons (CFCs) such as Freon—on-the-spot

The Gastec Pyrotec Pyrolyzer System has made measuring chlorofluorocarbons, halogenated hydrocarbons, nitroparaffins, anesthetic gases, and other hard-to-detect compounds easy and economical by combining detector tube technology with a portable pyrolyzer. The sample is first pyrolyzed (decomposed by heat) then the by-product is measured using a pre-calibrated, direct-reading detector tube. The Gastec Pyrotec Pyrolyzer System is small (3 1/4 inches long with a 1 1/2 inch diameter) and lightweight (only 7 ounces), and easily screws onto the Gastec Gas Sampling Pump, by hand, in a matter of seconds.

Contact Nextteq or visit www.nextteq.com for a complete list of applications and measuring ranges.

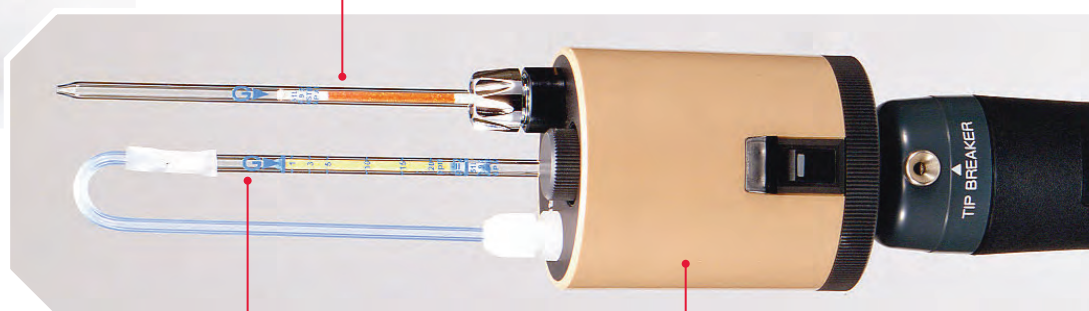
- For measuring hard-to-detect compounds
- Small and lightweight
- Easily screws onto the pump in a matter of seconds

Gastec Gas Sampling Pump with Pyrolyzer attached

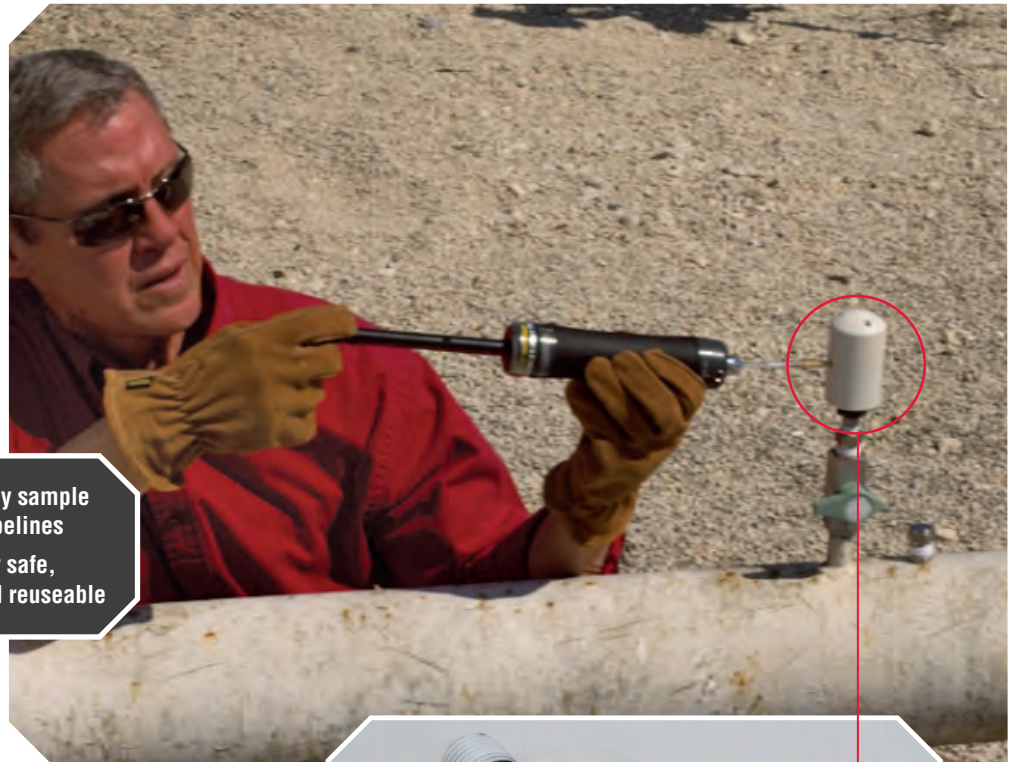
Gastec Pretreatment Tube

Gastec Pyrotec Tube

Gastec Pyrotec Pyrolyzer
(Part No. 840)



■ PVC Diffuser



- Conveniently sample gases in pipelines
- Intrinsically safe, rugged, and reusable

The PVC Diffuser provides a convenient method for sampling gases in pipelines. Designed for use with Gastec Gas Sampling Pumps and Detector Tubes, the PVC Diffuser is intrinsically safe, rugged, and reusable.

Constructed of inert PVC material, the diffuser maintains the sample integrity and does not react with most chemicals.

To prepare for the sample, simply screw the diffuser into a pipeline junction. Prepare the Gastec Pump and applicable Gastec detector tube, open the pipeline valve, insert the tube in the diffuser chamber and begin sampling.



PVC Diffuser
(Part No. STD-910)

Diffuser
chamber

**Screw PVC Diffuser
into pipeline junction**

Sample Bags ■



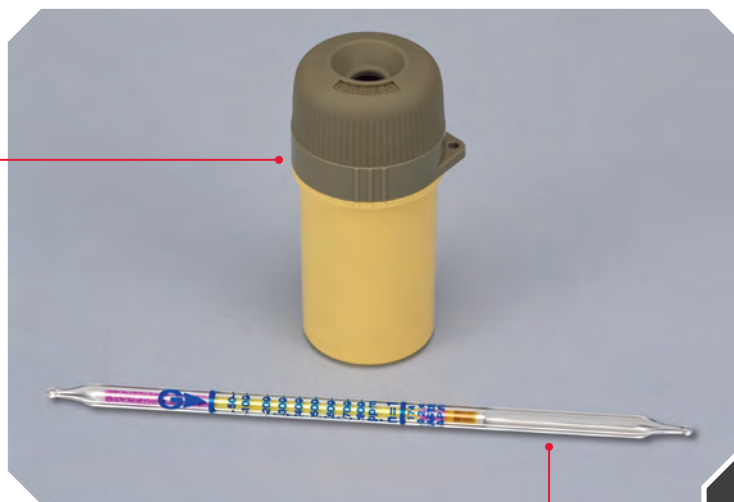
Nextteq Sample Bags, comprised of high quality Tedlar film, ensure sample integrity and durability when collecting gases. Each bag includes a unique combination hose/valve/septum for conveniently attaching to the Gastec Gas Sampling Pump. Rugged and reusable, the bags have a broad operating temperature range (-98°-225°F/-72°-107°C) for use in virtually any environment.

- Unique combination hose/valve/septum fitting for attaching to the Gastec Gas Sampling Pump
- Convenient and accurate storage for gas samples
- Durable and reusable

Sample Bag-1 liter*
(Part No. STD-311) 7 in x 7 in

* Also Available: Sample Bag-3 liter
(Part No. STD-310) 9.5 in x 10 in

Gastec Deluxe Tube Tip Breaker ■



The new Gastec Deluxe Tube Tip Breaker features three durable diamond cutting edges allowing a tube to be snapped off at any angle. Broken tube tips are deposited directly into a built-in storage bin, preventing glass fragments from scattering and improving safety. It is reusable and holds over 260 broken tube tips.

Rugged, small and durable, the new Gastec Deluxe Tube Tip Breaker easily fits in the Gastec gas sampling pump carrying case or in your pocket.

- Three cutters inside allow for tube to be snapped off at any angle
- Big, soft cover prevents scattering of glass chips

Gastec Deluxe Tube Tip Breaker
(Part No. 722)

Gastec Detector Tube

■ Products At-A-Glance

Additional Products Available:

Visit Our website at www.Nextteq.com

For a complete product listing email us at info@nextteq.com or call 877-312-2333.

Nextteq Irritant Smoke Tube Kit for Respirator Fit Testing and Airflow Indication

Featuring Gastec Smoke Tubes, this qualitative respirator fit test provides a fast, safe, and reliable method to meet OSHA 29 CFR 1910.134.

Solution Detector Tubes for Water Testing

Fast and economical on-the-spot detection of trace chemicals in liquids. Several applications, including chromium (vi) ion, mercury, and sulfide ion. Results are available in minutes.





Dosimeter Tubes for Personal or Area Monitoring

Pre-calibrated, direct-reading tubes for on-site, time-weighted average (TWA) measurements for dozens of gases and vapors.



Nextteq HazMat Kits for Identifying Unknown Chemicals

Incorporating the Gastec Pump and Tube System, these kits are a reliable and fast way to respond to accidents. Kits offer accurate identification of up to 48 gases, vapors, and liquid chemical warfare agents.



Airtec Tubes for Compressed Breathing Air Testing

Airtec kits contain Gastec tubes and everything needed to measure the five most common compressed air contaminants. This kit is intrinsically safe, requiring no batteries or electric power.



BETTER TECHNOLOGY. BETTER QUALITY.
BETTER VALUE.

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View our Gastec Accessories At A Glance

Gastec tubes and pumps are manufactured by the Gastec Corporation. Nextteq is Gastec's exclusive U.S. master wholesale distributor. P/N 530401 Rev G 12/12

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