Gastec Gas Detector Tube System

The Gastec Detector Tube System offers the most cost-effective and comprehensive form of gas detection using a direct read colourimetric tube and high precision sampling pump.
GASTEC
Detector Tube System

Why Buy from a1-cbiss?
a1-cbiss are the Gastec approved master UK distributor for Gastec Detector Tubes

• Easy to order - phone, email or online
• Same day dispatch for orders placed before 2pm (subject to availability)
• Price guarantee - We’ll beat any like for like quote
• Easy access to technical advice
• Excellent customer service
• Batch number traceability

What Makes Gastec the Most Effective Detector Tube System?
• Minimal pump strokes required
• Easy to use piston style pump
• Clear, precise and easy-to-read colour change
• Long tube shelf-life
• Low measurement cost

Gastec Gas Detection Sampling System
Gastec detector tubes are the most accurate, cost effective and simple method available of gas detection and air sampling, with the capacity to detect and measure over 500 gases, vapours & particulates.

What are Gastec Detector Tubes Used For?
The gas detector tube system is a complete sampling and analysis system for determining hazardous gas and vapour concentrations quickly and easily.

The majority of activities that the detector tube system is used for is to carry out spot sampling e.g. To check the level of hazardous gas within a container that has been unloaded from a ship or for determining the STEL & TWA levels of hazardous gases present on-site.

Where Are Gastec Detector Tubes Used For?
Gastec detector tubes are used worldwide where employee protection and gas detection are of paramount importance in:
• Factories
• Shipping vessels
• Refineries
• Chemical plants
• Food and beverage processing plants

NEW LOW PRICE!
£28.50

www.a1-cbiss.com sales@a1-cbiss.com +44(0)151 666 8300
**Using the Gastec sampling pump in an awkward scenario?**

Why not try the One Handed Pump Adapter
(See Accessories for more information)
High quality glass tube

Standard number of strokes (n). The number of pump strokes required to collect the standard volume of sample air for this tube

Distinct layer of colour change

Reliable detecting reagents that comply with the Gastec’s stringent quality standards (regulating the length of colour change layer, the clearness of demarcation, and the tone and brightness of colour change)

Quality control number (QC No.). Gastec’s quality assurance number is printed on every Gastec detector tube

Chemical formula of the substance to be measured. An abbreviation is used for the long formula

Calibration scale (in ppm, mg/m³, mg/L, or % depending on substance to be measured and its concentration)

Detector tube number. The number represents the substance. The letter indicates high, middle and low level concentrations. For example H, M and L respectively

Standard Tubes Now £28.50

www.a1-cbiss.com  sales@a1-cbiss.com  +44(0)151 666 8300
**GASTEC Kits**

**GASTEC STARTER KIT**
The Gastec Starter Kit is a convenient, ready-to-use gas sampling system.

*Kit Includes:*
- Gastec sampling pump
- Gastec technical handbook
- USB - training guide & EH40
- Carry case
- Choose from 5 packs of standard or dosi-tubes
- Gastec tube tip breaker
- Gastec dosi-tube holders

**Optional Extras (See Accessories)**
- 5m, 10m, 30m sampling hoses
- Smoke generation kit
- One handed adapter

Part number: ASK-GASPLUS-KIT  
List price: £295

**AIRQUAL-1 BREATHING AIR QUALITY TEST KIT**
The AIRQUAL-1 Breathing Air Quality Test Kit has been designed to comply with the EN12021 legislation for compressed breathing air testing. It is used to indicate the level of contamination, as well as, operating flow, temperature and pressure.

*Kit Includes:*
- Robust aluminium case
- Adjustable flow rates
- O₂ gas detector
- 4 packs of Gastec Airtec tubes for measurement of Carbon Monoxide (CO), Carbon Dioxide (CO₂), Water Vapour (H₂O) and Oil Mist

Part number: AIRQUAL1  
List price: £1395

**GASTEC SMOKE KIT**
The Gastec smoke tubes test kit allows the user to quickly monitor airflow movements using white smoke to determine direction of air flow when placing the likes of fixed gas detector sensors or to understand whether a duct is extracting gas as it should.

*Kit Includes:*
- Pack of 6 tubes
- Plastic tip end
- Aspirator bulb
- Carrying pouch

Part number: GAS500  
Price £45.00

**TOXIC GAS IDENTIFICATION KIT**
The Toxic Gas Identification Kit is ideally used in the case of emergency response to chemical spills, to quickly determine the gases and their concentrations

*Part number: GASTG-1  
List price: £595*

- Smoke test kit
- 12 packs of Gastec tubes (107, 141, 128, 151, 135, 111L, 4LL,1L, 14L, 3LA, 12L, 8LA)
- GV-100S precision sampling pump
- 5m extension hose
- Rubber connectors x 2
- Gastec handbook
- Aluminium carry case (5kg)
GASTEC
Spares & Accessories

GASTEC STAINLESS STEEL HOT PROBE SAMPLER
The Gastec detector tubes should only be used in the temperature range of 0 - 40ºC, so direct sampling from extremely high temperature sources like furnaces is not recommended.

High temperatures will deteriorate chemicals in the tubes, resulting in false readings in the Gastec tube.

In these circumstances, the Gastec hot probe sampler (GAS340) is used as a cooling device for measuring hot gases (60ºC to 600ºC) such as exhaust from vehicles and incinerators by cooling them down to normal temperatures.

The stability of the device is enhanced when it is secured with the hot probe holder (GAS345A).

GASTEC EXTENSION HOSE
Gastec extension hoses can be attached to the tip of the Gastec sampling pump (Model GV-100) and used for remote downward measurement in confined spaces, such as manholes, tanks, etc.

The extension hose is available in 5m, 10m and 30m lengths.

The Gastec rubber shroud tube holder attaches to the end of the extension hose. It also protects the tube when it is lowered into a confined space.

GASTEC HANDBOOK
The Gastec handbook is written for all users from beginners to experienced occupational hygienists.

It contains details on all tubes, technical information and correction factors.

A must have for all Gastec users!

- Gastec sampling pump operation instructions
- Specifics on Gastec tubes including pre-treatment and detecting reagents
- Description and operation of sampling pump accessories
- Tips on preparation, sampling and direct reading of detector tubes
- List of substances and their synonyms
- Listing of detector tubes
- Error explanations
- Troubleshooting
- Reaction principles
- Correction factors

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>GAS351A-5 - 5metres</td>
<td>£75.00</td>
</tr>
<tr>
<td>GAS351A-10 - 10metres</td>
<td>£85.00</td>
</tr>
<tr>
<td>GAS351A-30 - 30metres</td>
<td>£250.00</td>
</tr>
<tr>
<td>GAS357 - 5metres &amp; 10metres</td>
<td>£12.00</td>
</tr>
<tr>
<td>GAS358 - 30metres</td>
<td>£12.00</td>
</tr>
<tr>
<td>Gastec Handbook (HBE)</td>
<td>£5.00</td>
</tr>
</tbody>
</table>
**THERMAL RING**
The Thermal Ring is affixed to the Gastec pump and is perfectly calibrated to work with the Gastec Gas Sampling Pump.

![Image](thermal-ring.png)

- **Part Number:** TRK-GV-100
- **Price:** £5.00

**ONE HANDED ADAPTER**
The Gastec one-handed operation adapter (GASGV-700) is used with the Gastec precision pump (GV100S) to provide convenient one-hand pump operation.

![Image](one-handed-adapter.png)

- **Part Number:** GASGV-700
- **Price:** £65.00

**TUBE TIP BREAKER**
The Gastec tube tip breaker holds up to 260 broken tips from Gastec gas detector tubes. Tips are safely removed and stored in the tip breaker thereby preventing glass fragments from scattering.

![Image](tube-tip-breaker.png)

- **Part Number:** GAS722
- **Price:** £25.00

**PASSIVE DOSI HOLDERS**
The Dosi-tube holders are a useful tool in holding the dosi-tube for long term testing. This pack permits additional personnel exposure to gas and vapours. Pack of 3.

![Image](dosi-holders.png)

- **Part Number:** GAS710
- **Price:** £25.00

**MAINTENANCE KIT**
The Gastec GV-100S precision sampling pump maintenance kit helps maintain the Gastec precision pump ensuring longer life and accurate usage.

![Image](maintenance-kit.png)

- **Part Number:** GASGV100-1
- **Price:** £15.00

**SMOKE GENERATION TUBES**
Replacement tubes for the Smoke Generation Kit. The Smoke Generation Kit allows the user to monitor airflow movements within the workplace. Pack of 6 tubes.

![Image](smoke-generation-tubes.png)

- **Part Number:** GAS501
- **Price:** £29.95

**GASTEC EXTENDABLE TELESCOPIC SAMPLING POLE**
The extending telescopic sampling pole is suitable for horizontal or upward extension to sample gases and vapours in narrow spaces.

- Designed to sample overhead and/or in horizontal spaces
- Used in conjunction with the Gastec sampling pump
- Constructed from sturdy glass fibre
- Extends from 78 cm to 3 meters
- Weighs only 440g

![Image](extendable-telescopic-pole.png)

- **Part Number:** GAS350BP
- **Price:** £375.00

---

www.a1-cbiss.com  sales@a1-cbiss.com  +44(0)151 666 8300
Gastec Gas Detector Tube System

a1-cbiss Ltd, 11 Ark Royal Way, Lairdside Technology Park, Tranmere, Wirral, CH41 9HT
T: +44(0)151 666 8300
F: +44(0)151 666 8329
E: sales@a1-cbiss.com
W: www.a1-cbiss.com

Rev 1.0 May 15