



GASTEC TUBES AND PUMP

GV-I 10S

PART. NO. 1388120

DETECTION TUBES & SAMPLING PUMP

GENERAL INFORMATION

- Handy and robust
- more than 500 different tubes available
- Easy read out
- 50 or 100 ml pump stroke
- Stroke counter
- Long shelf-life and stability
- Low investment

GASTEC tubes display concentrations on a calibrated readout on the tube. GASTEC strives to produce the highest quality detector tubes for analyzing airborne gases/vapors, as well as pollutants in soil and water. Tubes are now available for more than **500+ different gasses** and applications.

FEATURES

The **built-in tip breaker** incorporates a diamond edge, for maximum durability, that cuts the surface of the detector tube. This makes breaking the tips much easier, safer and convenient. Discarded tips are deposited in a storage bin for safe and easy disposal.

The pump piston has been designed with a smaller diameter so **the sample can be pulled with little effort**. GASTEC Pump meets the leakage test of EN1231.

The pump body is covered with a soft elastomer, with the middle portion narrower than the ends to ensure a **firm grip on the pump cylinder**. The other outer surfaces of the pump are made of a **non sparking** ABS resin except for the opening of the tube tip cutter, which is made of chromed stainless steel

The position of a full-stroke (100mL) and the half-stroke (50mL) are marked exactly by the red line on the pump shaft, and the handle is locked at those positions. The flow finish indicator tells you automatically when the stroke is complete. When the flow-finish indicator is white the sample is complete.

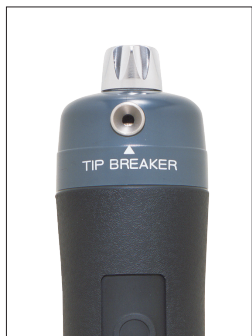
The **automatic stroke counter** in the GV-I 10S gas sampling pump can track up to ten pump strokes automatically so there is no chance of miscounting.

APPLICATIONS:

- + Fire and rescues services
- + Shipping
- + Oil & Gas industry
- + Schools
- + Laboratories
- + Indoor Air Quality
- + Mining and tunnels (metro, etc.)
- + Government

WE OFFER MORE THAN A PRODUCT!

- + Tailored advice
- + Project advice
- + Technical support
- + Training and education
- + Commissioning
- + Onsite service / maintenance / calibration



Diamant tipbreaker



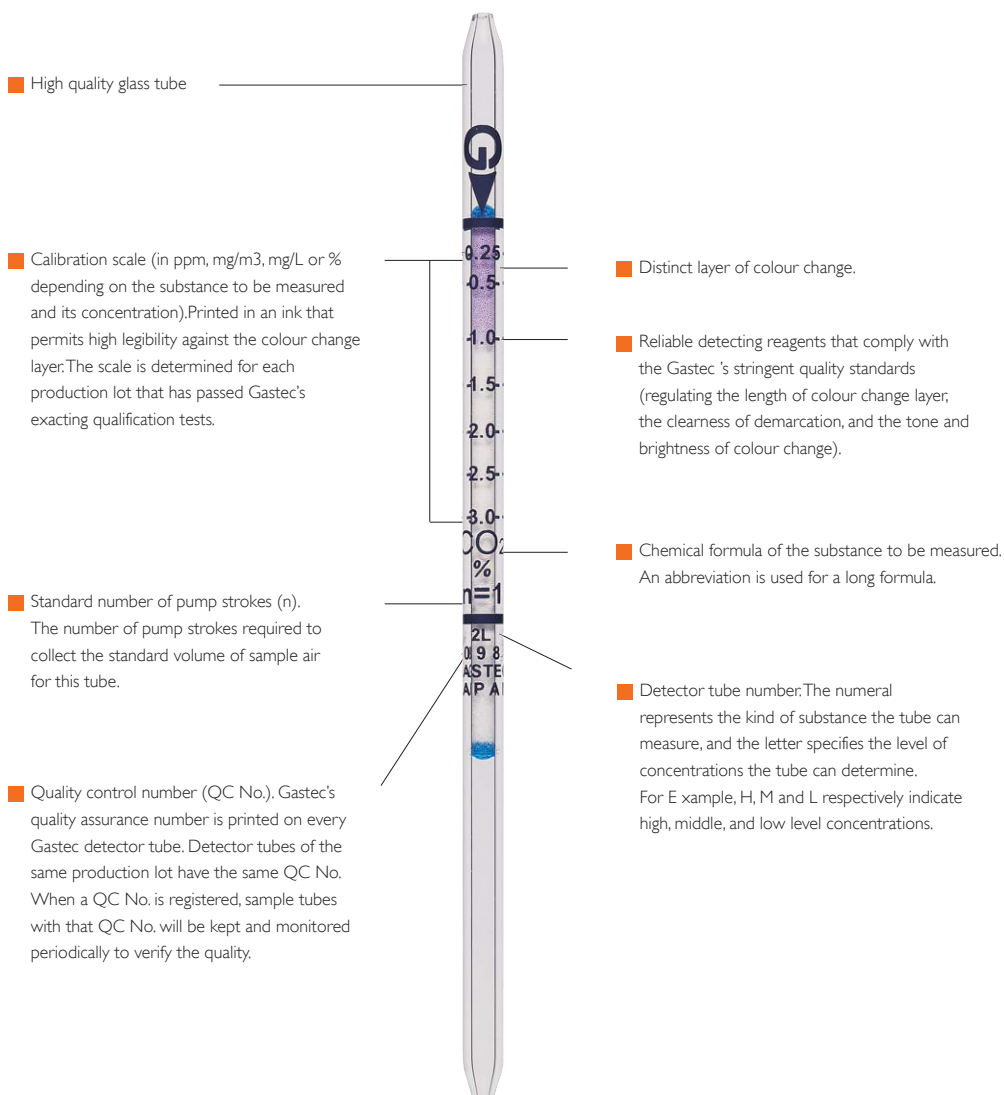
Full- and half-stroke
(50 or 100 ml)







Flow-finish indicator



Automatic stroke counter



OTHER GASTEC TUBE SOLUTIONS:

	<p>AUTOMATIC AIR SAMPLING PUMP GSP-300FT-2</p> <p>The GSP-300FT-2 is an "automatic" alternative of the GV-110S hand pump. This small and compact air sampling pump has an integrated flow meter; low-noise air pump, automatic shutdown of the air pump and many other useful functions.</p>
	<p>DOSI TUBES - TWA DETECTOR TUBES (FOR PERSONAL MONITORING)</p> <p>The TWA Dosi measuring system consists of Gastec Dosi-Tubes and a tube holder. The Dosi-tubes give a direct readout and are specifically designed for Time Weighted Averages (TWA-values).</p>
	<p>AIRTEC TUBES – COMPRESSED AIR BOTTLES</p> <p>Airtec-tubes test gas bottles with compressed breathing air and air lines for contamination. The contaminants can enter the bottles, e.g. through the compressor, and can be harmful to airways.</p>
	<p>POLYTEC TUBES - SIMULTANOUS MEASUREMENT</p> <p>The GASTEC polytec system consists of the Model GV-100S Gas sampling pump and the Polytec tubes. The Polytec tubes are unique detector tubes, each having 1 to 8 reaction layers to determine multiple unknown substances in the sample simultaneously. When you pull the handle of the pump and wait for a predetermined sampling time, the colour (s) of the Polytec tube's layer (s) change uniquely according to the contents of the sample. Six types of Polytec tubes are available: Polytec I (No.107), Polytec II (No.25), Polytec III (No.26), Polytec IV (No.27), Polytec V (No.28), and Qualitative analysis tube for fire investigation (No.108). Detailed descriptions are given in the instruction sheets included with individual Polytec tubes. If you already have the Model GV-100S gas sampling pump, you need only to obtain the desired Polytec tubes.</p>

ORDERING INFORMATION

SAMPLE PUMP		
TYPE	PART NO.	DESCRIPTION
GV-110S	1388120	Gas sampling pump kit, comprising sample pump with stroke counter; diamond tip-breaker and flow-finis indicator; carrying case, 3 rubber inlets, lubricant and manual
	1393501	5 meter Extension Hose No. 351A-5
	1393502	10 meter Extension Hose No. 351A-10
	1393508	30 meter Extension Hose No. 351A-30
GSP-300FT-2	1388100	Automatic Air Sampling Pump

MAINTENANCE PARTS GV-110S		
TYPE	PART NO.	DESCRIPTION
GV-100-3P10	1398021	Rubber inlets (10 pcs per package)
GV-100-2	1398033	Lubricant
GV-100-6P10	1398022	Tube inlet clamping nut (10 pcs per package)

TEST TUBES SAMPLE PUMP (PER BOX)		
TYPE	PART NO.	DESCRIPTION
Pump test tube	1300100	1A, Carbon Monoxide Air (10 pcs in a box)
	1300200	2A, Carbon Dioxide Air (10 pcs in a box)
	1300605	6A, Water Vapour A (10 pcs in a box)
	1317430	174D, Butadiene (10 pcs in a box)
	1300410	4H, Hydrogen Sulphide H (10 pcs in a box)
	1300450	4LL, Hydrogen Sulphide LL (10 pcs in a box)
	1300130	1L, Carbon Monoxide L (10 pcs in a box)
	1307010	70L, Mercaptan (10 pcs in a box)
	1317440	174LL, 1,3 Butadiene (10 pcs in a box)
	1310300	103, Lower Cl. Hydrocarbons (10 pcs in a box)
	1313640	Dupl.136LL, Methyl Bromide (5 pcs in a box)
	1300452	4LK, Hydrogen Sulphide LK (10 pcs in a box)
	1313130	131LB, Vinyl Chloride (10 pcs in a box)
	1316310	Dupl.163L, Ethylene Oxide (5 pcs in a box)
	1300320	3L, Ammonia Low (10 pcs in a box)
1309110	91L, Formaldehyde L (10 pcs in a box)	

Please contact us if the gas you require is not listed.

GASTEC POLYTEC TUBE (MAX. 8 PIECES):		
PART NO	DESCRIPTION	GAS TYPE
1310800	Nr. 107, Polytec I	Unknown gases
1302600	Nr. 25, Polytec II	NH ₃ , SO ₂ , H ₂ S, CO, NO ₂ , R.SH
1302601	Nr. 26, Polytec III	NH ₃ , H ₂ S, CnHm
1302602	Nr. 27, Polytec IV	NH ₃ , HCl, H ₂ S, SO ₂ , NO ₂ , CO, CO ₂
1302603	Nr. 28, Polytec V	HCl, COCl ₂ , SO ₂ , NO ₂ , H ₂ S, HCN, CO, CO ₂
1302604	Nr. 108, Qualitative detector tube for fire hazard	Kerosene, Gasoline

DOSI-TUBES		
TYPE	PART NO.	DESCRIPTION
Dosi Tube Holder	1397100	Set of Dosi-tube holders – 710 (3 pcs in a box)
Dosi-tube	1300300	3D Ammonia Dosi-tubes (10 pcs in a box)
	1300305	3DL Ammonia Dosi-tubes (10 pcs in a box)
	1300500	5D Sulfur Dioxide Dosi-tubes (10 pcs in a box)
	1300501	5DH Sulfur Dioxide Dosi-tube (10 pcs in a box)
	1300805	8D Chlorine Dosi-tubes (10 pcs in a box)
	1301400	14D HCL Dosi-tubes (10 pcs in a box)
	1309105	91D Formaldehyde Dosi-tubes (10 pcs in a box)
	1311215	112D Ethanol Dosi-tubes (10 pcs in a box)
	1312205	122DL Toluene Dosi-tubes (10 pcs in a box)

AIRTEC-TUBES		
TYPE	PART NO.	DESCRIPTION
Airtec Tube Holder	1393505	Gastec Twin-Tube Holder no. 358 (with No. 359)
Airtec Tube	1300100	1A Carbon monoxide (CO) Airtec tube, range 5-50 (10 pcs in a box)
	1300200	2A Carbon dioxide (CO ₂) Airtec tube, range 250-3000 (10 pcs in a box)
	1300260	2Ag Carbon dioxide (CO ₂) Airtec tube, range 200-3000 (10 pcs in a box)
	1300640	6AH Water vapour (H ₂ O) Airtec tube, range 500-5000 (10 pcs in a box)
	1300605	6A Water vapour (H ₂ O) Airtec tube, range 20-80mg/m ³ (10 pcs in a box)
	1300620	6Ag Water vapour (H ₂ O) Airtec tube, range 150-3000mg/m ³ (10 pcs in a box)
	1301125	11A Nitrogen oxides (NO+NO ₂) Airtec tube 0.06-2 / 0.02-0.7 (10 pcs in a box)
	1310900	109AD, Oil Mist Airtec tube, range 0,2-5,0mg/m ₃ (10 pcs in a box)
	1310901	109A, Oil Mist Airtec tube, range 0.3-1,5mg/m ³ (10 pcs in a box)