

Document Reference: GEN072 – Bump Testing Equipment for Portables – Issue 2

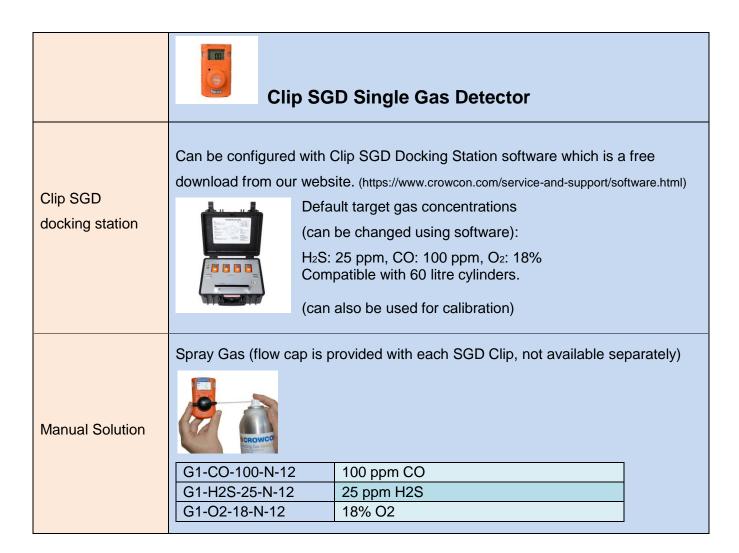
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Document applies to: Crowcon Portables

This document provides an overview of the **bump test** accessories available for each portable.

Default / recommended bump test gas levels are given for instruments with O2, CO, LEL, H2S and CO2 sensors. For instruments with other sensors please check with customersupport@crowcon.com.

Abbreviations, ROW: Rest of World.



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	Gasman		
	C01892 Gas test Kit. Contains regulator, tubing, flowplate and Crowmag (Same as T3 Gas test kit, except for flowplate)		
Manual Solution	NB: Bump test gas levels are preset in the instrument's firmware – these can be changed using PortablesPC. The default test gas levels are: O2: 18% volume CO: (500ppm sensor) 100ppm ROW, 250ppm USA H2S: (100ppm sensor) 15ppm CH4: 50% LEL CO2: 2% volume		
	Can also be used for field calibration. For full calibration* or to allow configuration of gas levels, add communications kit C011305 and Portables PC C01832 (*subject to training).		
Wall Mount Solution	Not Available		



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Tetra 3

C011062 Gas test Kit. Contains regulator, tubing, flowplate and Crowmag

(Same as Gasman Gas test kit, except for flowplate)

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NB: Bump test gas levels are preset in the Instrument's firmware – these can be changed using

PortablesPC. The default test gas levels are:

O2: 18% volume

CO: (500ppm or dual sensor) 100ppm H2S: (100ppm or dual sensor) 15ppm

CH4: 50% LEL CO2: 2% volume

(use QUAD or QUINT gas)

Can also be used for field calibration. For full calibration* or to allow configuration of gas levels, add communications kit C011305 and Portables PC C01832.(*subject to training).

Wall Mount Solution

Manual Solution



T3 Gas Tester

NB: Bump test gas levels are preset in

Instrument firmware – these can be changed using

PortablesPC. The default test gas levels are

O2: 18% volume

CO: (500ppm or dual sensor) 100ppm

H2S: (100ppm or dual sensor) 15ppm

CH4: 50% LEL

CO2: 2% volume

(use QUAD or QUINT gas)

(This unit contains no electronics, it does not process or store any information) Can perform calibration on bump failure only. Not suitable for full calibration.

Requires fixed flow regulator, use of a cylinder holder recommended – see price list for options.

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	Gas	Pro			
	NB: Bump testing needs to be enabled in the Gas-Pro's settings, using				
	Portables Pro 2. USB communications lead CH0103 or CH0104 required.				
	AC0101	Non-pumped flow Plate			
	C03052	Fixed Flow regulator			
	AC0201	1m standard tubing			
	M04032	Aspirator hose (for exhaust)			
Manual Solution	CH0103 or CH010	4 USB lead – allows user to enable bump testing, and to			
		use the bump test feature in Portables Pro 2 software.			
		NB: Bump test Gas levels are preset in the instrument			
		but they can be changed using Portables Pro 2 software			
		Default test gas levels are:			
	O2: 18% volume				
		CO: (500ppm or dual sensor) 100ppm			
		H2S: (100ppm or dual sensor) 15ppm CH4: 50% LEL			
		CO2: 2% volume			
		(use QUAD or QUINT gas)			
	Customer can use these accessories to bump test via the instrument menu, or using the				
	bump test tool in the Portables Pro 2 software (free download from our website).				
	1	I-TEST for GasPro (saves calibration and bump records)			
Wall Mount		(for instruments with O2/LEL/CO/H2S/CO2 sensors only)			
Solution 1		Requires demand flow regulator, cylinder holder recommended.			
		Can also be used for calibration.			
Wall Mount		Q-TEST			
Solution 2		(This unit contains no electronics, it does not process or store any			
		information) Requires fixed flow regulator, use of a cylinder holder is			
		recommended, see price list for options. Calibration on bump failure only.			

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	_	eds to be enabled in this instrument's settings, using s communications lead CH0103 or CH0104 required.		
Manual Solution	T4-CAL-CAP C03052 AC0201 CH0103 or CH0104	Replacement Bump Cap, comes with T4 anyway! Fixed Flow regulator 1m standard tubing USB lead – allows user to enable bump testing, and to use the bump test feature in Portables Pro 2 software. NB: Bump test Gas levels are preset in the instrument Default test gas levels are: O2: 18% volume CO: 100ppm H2S: 15ppm CH4: 50% LEL (use QUAD gas)		
	Customer can use these accessories to bump test via the instrument menu, or using the bump test tool in the Portables Pro 2 software (<u>free download from our website</u>).			
Wall Mount Solution		TEST for T4 (saves calibration and bump records) equires demand flow regulator.		



	Triple Plus + and Detective+
	See Technical Note "PT010 Triple Plus + Gas Response Testing"
	C03052 Fixed Flow regulator AC0201 1m standard tubing M04032 Aspirator hose (for exhaust) Aspirator Flow Plate
Manual Solution	GAS o.s l/min to exhaust