

PRODUCT UPDATE – FEB 2013

For the past two years we have been working on the next generation of Concept Smoke Screen products. We are pleased to announce that we are now ready to start introducing the products.

We have divided the products into four categories:

- SENTINEL: machines designed for 'Permanent' installation
- GUARDIAN: machines designed for 'Temporary' installation
- DEFENDER: 12 and 24-volt machines, primarily for vehicles
- PREDATOR DNA: an innovative DNA marking system for use with Smoke Screen machines

We will also continue to offer a range of ancillary equipment including the Security Strobe and the Sounder.

SENTINEL

The SENTINEL range will have the following models:



S30

The S30 is a new-look ELM. The specification is exactly the same as the current ELM with minor changes to the colour (the image shown is in the current colour scheme of silver and black. The new model will change to the new paper white and black).

The S30 will use a UPS for 'Off-mains' operations.

S70

The S70 will replace the current HP. As you can see the styling of the S70 has been changed and the new casing follows the S30's curved shape. A distinctive metal nozzle guard has also been added.

Inside the changes are more dramatic. The old cast aluminium heater block has been replaced with a new, machined steel block and cartridge heaters. The steel block is much thinner than the original aluminium block giving the S70 a much slimmer appearance.



The new block can accommodate a range of different nozzles and has been configured to offer an impressive 'First Burst'. Thereafter, the machine will produce bursts in regular pulses. We refer to this new configuration as 'Anti-raid'.



The PCB has also been updated and upgraded and now has the LCD screen on-board for use by the installation and service engineer.

Ergonomic cable connectors allow the installer to wire the cables into the block and then connect to the PCB – making installation easier.

The S70 has an internal off-mains 'Battery Back-up' (2 x 12-volt) and a new concealed mounting bracket. The S70 can use both the 500ml and 1 litre bladders.

The S70 has been tested and complies with EN 50131-8, IEC 62642-8 and rated CNPP Class I Category 30.



S90

The S90 is based on the old HP. The external casing has been given a facelift resulting in a sleek, curved appearance.

The old aluminium block has been replaced with a new, high performance, machined-steel block and, as with the S70, set up for 'Anti-raid' performance. Nozzle options as per the S70.

The electronics are also updated retaining the

LCD screen for engineer programming and the ergonomic connectors will make cable connects easier.

There is now internal off-mains 'Battery Back-up' and a new mounting bracket. The S90 can also use 500ml and 1 litre bladders.

The S90 has been tested and complies with EN 50131-8, IEC 62642-8 and rated CNPP Class I Category 30.

S100/150

The S100 (Single nozzle) and S150 (Twin nozzle) are versions of the highly successful E+ Series machines given a make-over to bring them in line with the rest of the sentinel family. These generators produce a class-leading particle size making the driest, safest smoke in the world.

The S100/150 has been tested and complies with EN 50131-8, IEC 62642-8 and rated CNPP Class I Category 30.



There have been changes to the outer casing of the S100/150 (Differing to the image); an updated picture will be sent in due course.

GUARDIAN



cassettes.

The Guardian family now combines the portable model developed for use by G4S and the original Rapid Deploy.

The ATM model (Pictured) is a simplified version of the original G4S version. This is carried from the CIT vehicle into the ATM bunker and plugged in to a designated power socket. After a few minutes the system is up to temperature and ready to go. The guards can now open the ATM and load the

Whilst this is primarily designed for this role, the Guardian ATM can be used for any application where short-term protection is required.

The new Guardian Rapid Deploy follows the lead of the very successful original. This can be applied to both the S70 and S90 and comprises movement sensors and a wireless arm and dis-arm and an option to mount GSM communications.

DEFENDER

Defender comes in two formats:

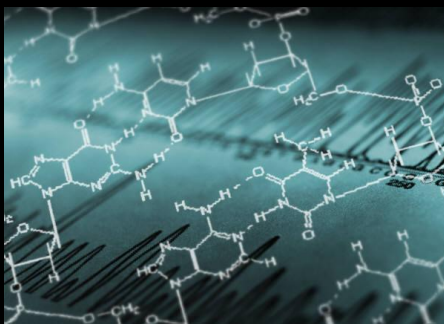
12-volt system: designed primarily for use in small and medium sized vans; and

24-volt system: designed for use in trucks and larger vehicles.

Both systems will operate from conventional vehicle batteries. Both systems can also be used in non-vehicle applications (e.g. protecting radio equipment in remote cell phone and telemetry stations, in boats and in small buildings where mains may not be present.



PREDATOR DNA



is released into the smoke plume.

Predator DNA offers the 'Holy Grail' of loss prevention: the screening smoke stops the burglary and the DNA marker attaches to the thief so that Police can identify and prosecute him.

The Predator kit is designed to work with the Guardian and Sentinel S100/S150 models. It comprises of a small compressed gas discharge system that can be installed inside the Smoke Screen machine. When activated the DNA marker

Predator DNA has been developed to use 'Selecta DNA' fluid but can also accommodate other types such as SmartWater.

DISTRIBUTOR PRICES

In GB Pounds with quantity price breaks. Valid from 1 March 2013

Description	Part Code	100+	50+	1-49
Sentinel				
S30 (Including brackets & fluid)	CSS-S30-230	385.00	440.00	550.00
S70 (Including brackets & fluid)	CSS-S70-230	550.00	600.00	750.00
S90 (Including brackets & fluid)	CSS-S90-230	TBA	TBA	TBA
S100 (Including wall bracket)	CSS-S100-230	900.00	1,000.00	1,100.00
S150 (Including wall bracket)	CSS-S150-230	975.00	1,100.00	1,240.00
Guardian				
Guardian Rapid Deploy	CSS-GRD-230	POA	POA	995.00
Guardian Rapid Deploy GSM Option	CSS-GRD-GSM	POA	POA	1,250.00
Guardian ATM Protection	CSS-GATM-230	POA	POA	1,995.00
Defender				
12-volt (Kit form)	CSS-DKIT-12	POA	POA	315.00
12-volt (Plinth mounted)	CSS-DPLT-12	POA	POA	395.00
12-volt (Case mounted)	CSS-DCSE-12	POA	POA	POA
24-volt (Plinth mounted)	CSS-DPLT-24	POA	POA	1,195.00
Accessories				
S3B (Infra-sonic Sounder)	CSS-S3B	160.00	180.00	200.00
Security Strobe	CSS-STR-230	200.00	220.00	240.00
Sentinel Alternative Nozzles	CSS-NZL-	POA	POA	25.00
12-volt Battery	CSS-SLA-12	TBA	TBA	TBA
Alarm Interface & Key-switch	CSS-EXAGON	48.00	54.00	60.00
Suspension Kit (1 metre)	CSS-SUS-UNI	POA	POA	35.00
Smoke Fluid				
Small Bladder (Fluid A)(S100/150)*	CSS-SBA-500	16.00	18.50	21.00
Small Bladder (Fluid R)(S30/70/90)	CSS-SBR-500	16.00	18.50	21.00
Large Bladder (Fluid A)(S100/150)*	CSS-LBA-1000	26.00	30.00	36.00
Large Bladder (Fluid R)(S30/70/90)	CSS-LBR-1000	26.00	30.00	36.00
Smoke Fluid A (2.5 l)(S100/150 & GATM)	CSS-FLA-2500	36.00	42.00	47.50
Smoke Fluid C (2.5l)(S100/150 & GATM)	CSS-FLC-2500	36.00	42.00	47.50

Notes: TBA = To Be Advised; POA = Price On Application

OTHER INFORMATION