

# D78 SGE Autosampler Syringes

## SGE Syringe Cleaner



Ghost peaks or cross contamination can be caused by a "dirty" needle.

The SGE syringe cleaner ensures organic sample residues are completely vaporized out of the needle and is particularly useful for type B plunger-in-needle syringes.

A feature of the unit is that it has a very short warm-up period of approximately 30 seconds to reach the operating temperature of 250°C. Effectively, this means the unit does not have to be always switched on although it is thermostatically controlled for continuous use if required.

A vacuum source of approximately 10 Torr from a water pump or mechanical pump should be connected to the unit.

Operation is simple. Insert the needle through the 10mm septum into the heated zone, hold for about 30 seconds and then pump the plunger a few times. Organics are vaporized and pumped away from the needle, leaving it clean and free from contaminants.

The cleaner will accept needles up to 1mm OD and 100mm long.

Part No.	Item	Description	Price
031780	SCK/110	Syringe Cleaner 110-120 volts	
031781	SCK/220	Syringe Cleaner 220-240 volts	

## Solid Injectors

Two interchangeable plungers are supplied with each injector. One plunger, which has a spiral tip, is used for injection of solids. The sample is deposited on the spiral with a syringe, the solvent evaporated and the residual solid then injected into the GC.

The other flat tipped plunger is for solid samples in the form of granules, fibers or powders which can be packed into the bore of the needle with the plunger retracted. Alternatively, samples can be bored out with the sharp needle tip, e.g. plastic sheeting, paper, foil and so on.

### Pelletizer

The device is for producing micro-pellets which can be transferred into the bore of an SGE solid injector.



Part No.	Description	Needle Length (mm)	Plunger OD (mm)	Price
009980	Solid Injector	70	0.5	
009988	Pyrojector II pelletiser injector			

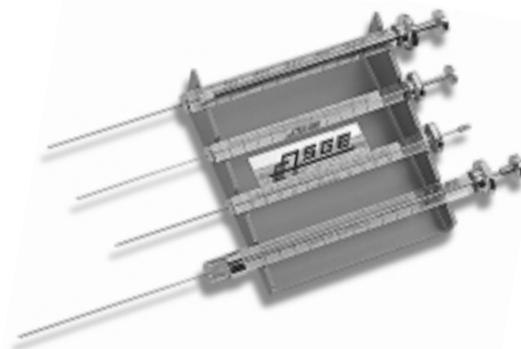
## Stylet Wires

These are for cleaning Type A needles and are also ideal for cleaning recorder pens and so on. Four sizes are offered: 0.10, 0.15, 0.20 and 0.25mm.

Part No.	Item	Description	Price / 5 pk
031745	SW10	5 x 15cm wires for 5, 10µl syringes	
031746	SW15	5 x 15cm wires for 15, 25, 50µl syringes	
031747	SW20	5 x 15cm wires for 1 ml and over	

## Syringe Rack

It helps to organize your syringes and minimize breakages.



Part No.	Item	Description	Price
031775	4SR	Holds four syringes	

## SGE Needle Cleaning Kit

This kit provides the necessary items used to clean blocked needles in all Type A syringe needles.

A range of stylet wires, tweezers for holding these and a non-ionic surfactant material are provided in a convenient size packet.

The kit can also be used to clean out ink reservoir recorder pens.



Part No.	Item	Description	Price
031782	NCK	Needle cleaning Kit	