

# Burners

## Laboratory Burners, Fuego SCS

For occasional or intermittent use, or serial flame sterilisation.

- ◆ Automatic gas ignition
- ◆ Low-profile easily cleaned stainless steel casing
- ◆ Gas and air regulators for fine control
- ◆ Visual alarm of burner head clogging and "burner hot" residual heat indicator
- ◆ Smooth sculpted design channels spillages away
- ◆ Can be tilted to avoid nozzle contamination
- ◆ Overheat protection system cuts off gas supply if overheating occurs or the electrical supply interrupted

### Burner, Fuego SCS basic

With push-button ignition. The flame is maintained as long as the button is pressed and extinguishes on release. Alternatively, a foot pedal provided allows hands-free operation if required. Supplied with foot pedal, tilt mechanism, nozzles for natural gas or LPG, rack for up to 3 wire loop holders, tubing connector, wrench for gas connection and screwdriver for burner head. Overall 103 x 130 x 49mm L x W x H. Weight 0.7kg. Requires a 230V 50/60Hz single phase supply for the ignition circuit. Without gas supply.

**BY340-30** Fuego SCS basic

### Burner, Fuego SCS

Generally as BY340-30 but without foot pedal and with Infra-red sensor, range 5 to 50mm, requiring two hand movements to activate the flame which is maintained for a timed period adjustable within two ranges: start-stop from 1 second to 2 hours or Auto-off from 1 second to 2 hours. An LCD readout with heat resistant glass face indicates time remaining and burner functions/adjustment. An accessory foot pedal is available, if preferred. Requires a 230V 50/60Hz single phase supply for the ignition circuit. Without gas supply.

**BY340-40** Fuego SCS

### Accessories

**BY344-06** Foot pedal. Accessory for BY340-40

**BY344-12** Glass safety shield. For added safety when handling pathogenic material

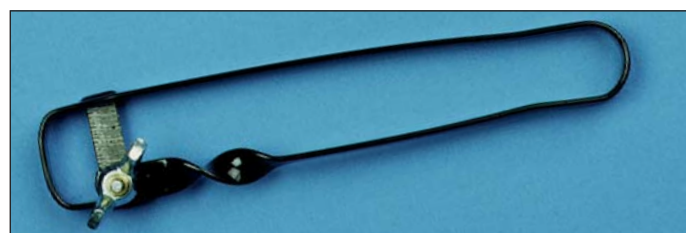
**BY344-24** Gas cartridge, CV270, 250g

**BY344-26** Adapter for connecting BY344-24 to BY340-burners

**Note:** Gas cartridges BY344-24 can be exported only as sea freight – deck cargo. Local purchase is recommended.



BY340-40 in use, BY340-30 is similar



BY380-40

## Lighters

### Gas Lighter, Flint

Comprising spring holder, adjustable shielded flint and striking plate.

**BY380-40** Gas lighter, flint

**BY382-10** Spare flints, pack of 10

### Gas Lighter, Piezo

Suitable for igniting the common fuel gases. Sparks produced by squeezing the handle. No battery required.

**BY385-10** Gas lighter, piezo

### Liquid Fuel Burners

For use with methylated spirit. Glass reservoir. With wick and screw on bakelite cap.

**BY400-10** 50ml

**BY402-10** Spare wicks, for BY400-10, pack of 10

### Liquid Fuel Burner, Safety Pattern

For use with methylated spirit. Glass reservoir. With virtually leakproof, screw-on metal wick support, wick and metal screw cap cover.

**BY400-16** 100ml

**BY402-15** Spare wicks, for BY400-16, pack of 10

Electric Heaters for test tubes, crucibles, instruments, etc. – see HE760 in the Heating section.

Wood splints – see GE350-10.



BY385-10



BY400-10



BY400-16