

1 Flame sterilizer schuett easyflame

Mobile device for scarfing and flame-sterilising. With piezoelectric-ignition and gas supply control. Infinite adjustment of the flame. Highest operational safety. In short-term use, the flame is activated as long as the push button is pressed. For continuous operation with lock key.

schuett-biotec



schuett easyflame to use with propane/butane gas

1. Suitable with gas cartridges with 7/16" connection thread, e.g. CG 1750, Express 444, AT 2000.
2. Adapters for CV 360 or CP 250 gas cartridges optional.

schuett easyflame^{plus} for connecting natural gas and propane/butane gas with gas safety hoses

1. Natural gas hose for central gas supply for easy plugging the device (hose barb included)
2. Propane/butane gas hose with fitting (1/4 "-left-hand thread) for the use of gas cartridge adapters or gas cylinders with pressure reducer. Matching adapters C 206 and CV 300/470 (already equipped with gas safety hose, 0.5 m and reducer). Gas safety tubing in other lengths on request.

Specifications

Dimensions (W x D x H): 260 x 90 x 60 mm
Weight: approx. 350 g

Type	PK	Cat. No.
schuett easyflame for propane/butane gas	1	9.018 794
Adapter CV 360 (only for 9.018 794)	1	6.260 874
Adapter CP 250 (only for 9.018 794)	1	6.266 817
schuett easyflame ^{plus} for natural gas and propane/butane gas	1	6.266 818
Adapter C 206 (only for 6.266 818)	1	6.244 006
Adapter CV 300/470 (only for 6.266 818)	1	6.240 475

2 Bunsen burner, portable Labogaz® 206

For operation with gas cartridge C 206 GLS (Cat.-No.: 9.018 520). DVGW-authorized.

Weight: 380 g without cartridge
Height: 200 mm with cartridge
Consumption: 55 g/h



Type	PK	Cat. No.
Labogaz® 206	1	9.018 510

3 Bunsen burner, portable, Labogaz® 470

For operation with gas cartridges CV 300 Plus (Cat.-No.: 6.243 905) or CV 470 Plus (Cat.-No.: 9.018 512).

Weight: 380 g without cartridge
Height: 190 mm with cartridge
Consumption: 55 g/h



Type	PK	Cat. No.
Labogaz® 470	1	9.018 511

Gas cartridges

C 206 GLS pierceable cartridge: Piercing cartridge with integrated gas lock system according to EN 417: 2012. For bunsen burner without safety valve. For bunsen burners Labogaz® 206 and Soudogaz blow torches.

CV470 Plus and CV 300 Plus valve cartridge: With safety valve. For bunsen burner Labogaz® 470.

CV 360 valve cartridge: With safety valve. For gas-safety burner schuett phoenix (Cat.-No. 9.018 761).

Safety valve allows removal of partially used valve gas cartridges.

Type	Description	Height mm	Capacity g	PK	Cat. No.
C 206 GLS	Gas ratio 80/20 Butane/Propane	90	190	1	9.018 520
C 206 GLS	Gas ratio 80/20 Butane/Propane (large pack)	90	190	36	6.261 010
CV 300 Plus	Gas ratio 80/20 Butane/Propane	105	240	1	6.243 905
CV 470 Plus	Gas ratio 80/20 Butane/Propane	140	450	1	9.018 512
CV 470 Plus	Gas ratio 80/20 Butane/Propane (large pack)	140	450	12	6.261 011
CV 360	Butane	140	52	1	9.018 519



9.018 520



6.243 905



9.018 512



9.018 519

Microbiology/Sterilizers and burners

1 2 3 4 Safety Bunsen Burners Flame¹⁰⁰

NEW

WLD-TEC

The safe alternative for all traditional Bunsen or alcohol burners.

Multi-Use: The Flame¹⁰⁰ is ideally suited for all flame related applications in the laboratory. The precision flame allows graduated heating of dental tools as well as safe sterilization of microbiological instruments. Flame size and intensity can be adjusted infinitely.

Easy operation: The safety Bunsen burner Flame¹⁰⁰ activates immediately with the push of a button. No match or a pilot flame are required. Optionally, the Flame¹⁰⁰ can also be operated by a foot pedal* or an external infrared motion sensor*. The Flame¹⁰⁰ is suitable for stationary natural gas and propane/butane gas supplies as well as gas cartridges or gas cylinders. Numerous adapter systems are optionally available.

Reliable safety: The proven Safety Control System (SCS) is also incorporated in the Flame¹⁰⁰. All potential hazards are constantly monitored and, if necessary, protective measures, such as shutting off the gas supply, are activated. In addition to the ignition and flame control function and the overheating protection the safety package also features the continuous burner head control BHC. BHC unfailingly identifies burner head clogging by liquids or solid substances.

Description	PK	Cat. No.
Safety Bunsen burners Flame ¹⁰⁰	1	6.261 226
Windshield, stainless steel	1	6.283 591
Spray and Wax protector, stainless steel base and glass cylinder	1	6.283 592
Spray and Wax protector, without glass cylinder	1	6.283 593
External DoubleClick IR-Sensor	1	6.260 535
Stainless steel foot pedal	1	9.018 585
Foot pedal Mini	1	6.282 722
Radio controlled foot pedal with RF-Stick (available in EU countries only)	1	6.283 594
Tilt adjustment	1	6.283 595
Tray	1	6.231 503
Adapter 360 for gas cartridges CV 360	1	4.657 894
Adapter with pressure regulator and DVGW-tubing (0.5 m) for gas cartridges C 206	1	6.224 479
Adapter with pressure regulator and DVGW-tubing (0.5 m) for gas cartridges CP 250	1	6.252 589
Adapter with pressure regulator and DVGW-tubing (0.5 m) for gas cartridges CV 470	1	6.802 757
Adapter with pressure regulator and DVGW-tubing (0.5 m) for gas cartridges CG 1750	1	7.970 461



Safety Laboratory Gas Burners Fuego SCS series

WLD-TEC

Suitable for all flame related applications in the laboratory. The low profile body facilitates ergonomic operation; the streamlined design reduces air flow disturbances in a Cleanroom workbench. The Fuego SCS series can be operated with foot pedal, button function or touch free IR-Sensor. Made of stainless steel, with fireproof controls.

- SCS Safety Control System with gas safety cut off: Ignition and flame control, temperature monitor, automatic unit switch off, residual heat display, burner head assembly monitor.
- BHC Burner Head Control.
- Removable burner head.
- Tilt mechanism right/left.
- Turbo flame.
- Holding device for 3 inoculation loop holders.
- Nozzles for natural gas, propane/butane gas.
- Approved by DIN-DVGW, approval no. NG2211AS0167.
- Warranty: 2 years.

Fuego SCS basic/ Fuego SCS basic RF: With stainless steel foot pedal. The foot pedal regulates the burning time either by continuous foot pressure or by start-stop function. Instrument with ON/OFF button function. Basic model without IR-Sensor and without graphic display.

Fuego SCS basic RF: Features as Fuego SCS basic but enables wireless operation due to modern radio foot pedal.

Fuego SCS/Fuego SCS pro: with Double-Click IR-sensor, button function and foot pedal operation. (foot pedal optional). Double-Click IR-sensor: This adjustable safety function ensures that the burner can only be ignited by activating the IR-Sensor twice. Adjustable IR-sensor reaction distance: 5 mm to 50 mm.

Illuminated graphic display: The animated, self-explanatory and language-less symbol display facilitates a rapid selection of all functions. 6 standard-programs with count down display: 1 sec to 2 hrs selectable.

The first safety laboratory gas burner with comfort package: Cooling time reminder for inoculation loops, temperature regulation for heating media, gas consumption display for gas cartridges, flexible and individual by selecting user account, acoustic signals as operating aids.

Additional safety assistance: Zero-pressure shut off for a pressureless gas hose. Graphical installation instructions facilitate the initial start-up.

Fuego SCS pro: Features as Fuego SCS, plus battery operation (9 hrs), 2 rechargeable batteries (Mignon AA), fast charge function (3 hrs) and safety tilt sensor.

Additional accessories are available on request.

Specifications

Dimensions (W x D x H): 103 x 130 x 49 mm
 Power supply: 100-240 V 50/60 Hz, max. 0.3 A; 9 V DC, 1.3 A
 Weight: 700 g

Type	PK	Cat. No.
Fuego SCS basic	1	6.232 207 1
Fuego SCS basic RF	1	6.255 678
Fuego SCS	1	6.231 770 2
Fuego SCS pro	1	9.018 584
Stainless steel foot pedal	1	9.018 585

1



6.232 207

2



6.231 770

We can **supply** this
manufacturer's
 whole
product range !



Microbiology/Sterilizers and burners



9.018 760



9.018 761



9.018 798

Safety Bunsen Burner, schuett phoenix II

schuett-biotec

For sterilising, heating, flame sterilising. For use in every microbiological laboratory or in safety cabinets. Modern Bunsen burner with state-of-the-art safety features plus outstanding quality characteristics:

- Controlled burning time 1 sec to 120 min (selectable)
- Automatic safety shut-off when not in use (selectable)
- Overheating protection/burner control by sensors
- Precise economic flame regulation (stable flame in strong air current)
- Flame and ignition monitoring
- "Push-and-Twist" bayonet fixture for burner head, no tools needed for cleaning
- Tilting right or left

Operating status, safety notes and warnings pictures and full text (color display) written language for most international languages. Brilliant colour display. Unique Joy-Stick navigation. Operating modes: by hand or with foot pedal or motion sensor. Housing made of stainless steel and safety glass. UV- and solvent resistant. For case of cleaning and flame-sterilising. Suitable for use with natural gas (central gas) or butane/propane gas (gas cartridges). Integrated stand for tilting right or left. Safety standard acc. to DIN 30665 part 1, DIN-DVGW Reg.NG-2211AR0750.

schuett phoenix II eco: (with LED control lamp and foot-switch) Start flame by foot-switch or button (On/Off). Best suited for use in microbiological safety cabinets. Best price to performance ratio.

schuett phoenix II standard: (brilliant colour display, selection of native language, sensor and foot- switch) Start/Stop flame by activating sensor 1x or 2x, use foot switch or press button by hand. Continuous display of timer.

schuett phoenix II accu: (brilliant colour display, selection of native language, sensor and built-in extra heavy duty power cells) Start/stop flame by activating sensor 1x or 2x, use foot-switch or press button by hand. Continuous display of timer and battery power. Operates for up to 30 hours, intermittent use. Complete with battery charger for 3 hour recharging. Ideal for mobile usage.

Flame sterilization carousels semi- and fully automated: For precise and time-controlled flaming of different kinds of inoculating loops. Minimization of gas consumption, the life of the inoculating loops is significantly increased. The inoculating loop is placed into the carousel after use and is sterilized immediately after turning the holder in flaming position. Sterilization time infinitely adjustable. Designed for continuous work-flow with sample series in the Laminar Flow.

Semi-automated: schuett easyloop (for 6 Inoculating loop holders, included): Comfortable manual rotation, fully automated flaming process. For use with Safety Bunsen Burners schuett phoenix II standard and accu. Sterilization time: 3 to 5 s (adjustable from 1 s to 120 min)

Fully automated: schuett flammly R (for 5 Inoculating loop holders, included): Fully automated rotation and inoculating. In combination with a standard gas-safety-burner (e.g. schuett phoenix II). Sterilization time: 2 to 10 s

Type	Width mm	Depth mm	Height mm	Weight g	PK	Cat. No.
schuett phoenix II eco*	128	160	85	1000	1	9.018 760 1
schuett phoenix II standard*	128	160	85	1000	1	9.018 761 2
schuett phoenix II accu	128	160	85	1000	1	9.018 762 3
schuett easyloop	150	190	310	900	1	9.018 798 4
schuett flammly R	100	160	345	2000	1	9.018 779 5

*incl. foot switch, stainless steel

Accessories for gas-safety burner schuett phoenix II

schuett-biotec

Type	PK	Cat. No.
Adapter for gas cartridges CV 360 incl. pressure reducer	1	7.930 139 4
Adapter for gas cartridges C 206*	1	6.244 006 5
Adapter for gas cartridges CV 300/470*	1	6.240 475
Adapter for gas cartridges CP 250*	1	9.018 750
Adapter for gas cartridges CG 1750*	1	9.018 751
Windshield, stainless steel	1	9.018 752 6
Glass spatter guard	1	9.018 753 7
Gas safety hose with threaded screw connections for propane/butane 0.5m	1	9.018 754
Gas safety hose with threaded screw connections for propane/butane 2.0m	1	9.018 755
Hot-Tray, stainless steel, height-optimized	1	9.018 756
Instrument tray	1	9.015 757
Foot-switch, stainless steel	1	9.018 758

* Incl. pressure regulator and 0.5m safety gas tubing.



7.930 139



6.244 006



9.018 752



9.018 753