

schuett phoenix II Safety Bunsen Burner, schuett-biotec

① schuett phoenix II Safety Bunsen Burner

For sterilising, heating, flame sterilising.

Modern Bunsen burner with state-of-the-art safety features plus outstanding quality characteristics: Operating instructions and safety notes in the form of images and written language (in the colour display) in most international languages. Brilliant colour display. Unique Joy-Stick navigation. Operating modes: by hand or with foot pedal or motion sensor. Designed for use in microbiological safety cabinets.

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).

„Push-and-Twist“ bayonet fixture for burner head, no tools needed for cleaning. Integrated stand for tilting right or left. Controlled burning time 1 sec. to 120 min. (selectable). Automatic safety switch-off (selectable). Overheat protection / burner control via sensors. flame and ignition monitoring. Safety standard acc. to DIN 30665 part 1, DIN-DVGW Reg.

3 models available:

schuett phoenix II eco

(with foot-switch and LED indicator light)

Start/stop flame by foot-switch or press button by hand (ON/OFF). Best suited for microbiological safety cabinets.

schuett phoenix II standard

(colour display, language selection, sensor and foot-switch)

Start/Stop flame by activating sensor 1x or 2x, use foot switch or press button by hand. Burn-time displayed.

schuett phoenix II accu

(colour display, language selection, sensor and built-in high-power battery)

Start/stop flame by activating sensor 1x or 2x, use foot-switch or press button by hand (ON/OFF). Burn-time and battery status displayed. Built-in high-power battery for up to 30 hours operating time (high-speed battery charger incl. overcharge protection), ideal for mobile operation.

Dimensions (WxDxH): 128 × 160 × 85 mm
Power: 100 – 240 V, 50/60 Hz
Weight: approx. 1000 g

Article	Order No.
① schuett phoenix II eco	10 31 83542
② schuett phoenix II standard	10 31 83552
schuett phoenix II accu	10 31 83562

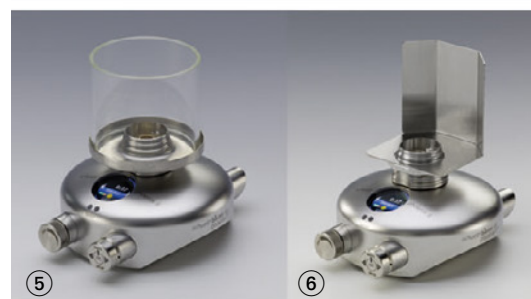
Accessories

Article	Order No.
③ Adapter for gas cartridges CV 360 ¹⁾	10 31 87212
Adapter for gas cartridges CV 206 ²⁾	10 31 87232
Adapter for gas cartridges CV 300/470 ²⁾	10 31 87252
④ Adapter for gas cartridges CP 250 ²⁾	10 31 87302
Adapter for gas cartridges CG 1750 ²⁾	10 31 87322
Foot-switch, stainless steel, 3.5 m cable	10 31 88392
⑤ Glass spatter guard	10 31 88332
⑥ Flame shield, stainless steel	10 31 88342
Instrument tray, stainless steel	10 31 88352
Hot-Tray, stainless steel, 160 × 140 × 160 mm	10 31 88362
Pressure reduction valve for 5 or 11 kg propane gas bottles	10 31 88302

¹⁾ incl. pressure reducer

²⁾ incl. pressure reducer and gas-safety hose 0.5 m

Suitable cartridges and gas-safety hoses on request.



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)

Comfortable manual rotation, fully automated flaming process. For use with Safety Bunsen Burners schuett phoenix II standard and accu. Sterilization time: adjustable from 1 s to 120 min

Fully automated: schuett flammy R (for 5 Inoculating loop holders)

Fully automated rotation and inoculating. In combination with a standard gas-safety-burner (e.g. schuett phoenix II). Sterilization time: 2 to 10 s (selectable)

Dimensions (W×H×D): 100 × 160 × 345 mm

Power: 230 V, 50 Hz or 115 V, 60 Hz

Weight: approx. 2000 g

Article	Order No.
⑦ schuett easyloop	10 31 83202
schuett flammy R	10 31 83531

⑦ schuett easyflame flame sterilizer

Mobile and handy device for scarfing and flame-sterilising.

With piezoelectric-ignition and gas supply control for producing a „soft“ or a „sharp“ flame. 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 easyflame for direct connection to propane/butane gas cartridges

- Connection of cartridges with 7/16" screw thread, such as CG 1750, Express 444, AT200
- By means of an adapter (available as an option), CV 360 or CP 250 plug-in gas cartridges can be used

schuett easyflame^{plus} for connection of natural gas and propane/butane gas by means of gas safety hoses

- Natural gas hose for central gas supply; simple plug-on connection at the device
- Propane/butane gas hose with screwed connection (1/4" left-hand thread) for use of gas cartridge adapters or gas cylinders, see accessories schuett phoenix II

Dimensions (W×H×D): 260 × 90 × 60 mm

Weight: approx 350 g

Article	Order No.
schuett easyflame flame sterilizer	10 31 89102
to use with propane/butane gas, incl. PVC-holder for cartridges	
schuett easyflame^{plus} flame sterilizer	10 31 89112
to use with natural gas and propane/butane gas	
CV 360 adapter for schuett easyflame	10 31 89502
for the connection of butane gas cartridges CV 360 (only for 10 31 89102)	
CP 250 adapter for schuett easyflame	10 31 89602
for the connection of butane gas cartridges CP 250 (only for 10 31 89102)	
Adapter for gas cartridges CV 206²⁾	10 31 87232
Adapter for gas cartridges CV 300/470²⁾	10 31 87252

2) incl. pressure reducer and gas-safety hose 0.5 m

