

schuett phoenix Gas Safety Burners, schuett-biotec

① schuett phoenix II Safety Bunsen Burner

For sterilizing, heating or scarfing.

- Easy-to-read highlighted colour display
- Multilingual menu navigation in most international languages
- Information and warning remarks in written form
- Self-explanatory operation
- Unique joystick navigation
- Gas and air adjustment with „Click-Stop“-feature
- Comfortable operation optionally by hand, foot-switch or motion sensor mode

Ideal for use in microbiological safety cabinets (laminar flow) or in the chemical laboratory. Housing made of polished stainless steel and safety glass. UV- and solvent resistant, flame-sterilizable, easy to clean.

Unique comfortable Bunsen Burner with highest safety standard and outstanding quality features:

Controlled burn-time 1 sec up to 120 min (adjustable). Automated safety shutdown if not in use. Sensor activation 1x/2x. Overheating protection/burner control due to sensors, e.g. temperature of the burner head (Warning remark in the display). Exact economic flame adjustment. Stable flame, even at strong currents. Flame and ignition monitoring. Tilting to the right or to the left side.

Suitable for use with natural gas (central gas supply in the lab) or propane/butane gas (mobile with gas cartridges/bottles). Corresponding nozzle included in the delivery extent, easily removable. Easiest exchange of burner head, no need for tools. Certified according to DIN 30665 part 1, DIN-DVGW Reg.NG-2211AR0750.

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

Article	Order No.
schuett phoenix II eco without display/sensor, with foot-switch Start/stop flame by foot-switch or press button by hand (ON/OFF). Low-cost model, best suited for microbiological safety cabinets	10 31 83542
schuett phoenix II standard colour display, language selection, sensor and foot-switch Start/Stop flame by activating sensor 1x/2x, use foot switch or press button by hand. Burn-time displayed	10 31 83552
schuett phoenix II accu colour display, language selection, sensor and built-in high-power battery. Foot-switch optional. Start/stop flame by activating sensor 1x/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. With high-speed battery charger incl. over- charge protection. Ideal for mobile operation	10 31 83562

Flame sterilization carousel

In combination with a standard gas-safety-burner (e.g. schuett phoenix II), ideal for automated flame sterilization of inoculating loops. Rotation and flame sterilization happen automatically. The sterilizing time is exact and infinitely adjustable.

Dimensions (WxHxD): 100 × 160 × 345 mm
Power: 230 V, 50 Hz or 115 V, 60 Hz
Weight: approx. 2000 g

Article	Order No.
Flame sterilization carousel	10 31 83531

⑥ schütt easyflame flame sterilizer

Mobile and handy device for scarfing and flame-sterilising.

With piezoelectric-ignition and air 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. Suitable for all gas cartridges with 7/16" connection thread, e.g. CG 1750, Express 444, AT 2000.

Dimensions (WxHxD): 240 × 200 × 60 mm
Weight: approx. ca. 550 g

Article	Order No.
schuett easyflame flame sterilizer	10 31 89102



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Accessories

Article	Order No.
Gas-safety hose for natural gas 0.75 m	10 31 89211
Gas-safety hose for natural gas 1.5 m	10 31 89222
Gas-safety hose for natural gas 2.0 m	10 31 89232
Gas-safety hose for propane/butane gas 0.5 m	10 31 89272
with threaded screw connections	
Gas-safety hose for propane/butane gas 2.0 m	10 31 89281
with threaded screw connections	
Gas-safety hose f. natural gas with connection ½", 1.0 m	10 31 88512
for gas-outlet (TAE)	
Gas-safety hose f. natural gas with connection ½", 2.0 m	10 31 88522
for gas-outlet (TAE)	
⑤ Adapter for gas cartridges CV 360¹⁾	10 31 87212
Adapter for gas cartridges Express 444¹⁾	10 31 87362
Adapter for gas cartridges CV 206²⁾	10 31 87232
Adapter for gas cartridges CV 270/300/470²⁾	10 31 87252
④ Adapter for gas cartridges CP 250²⁾	10 31 87302
Adapter for gas cartridges CG 1750²⁾	10 31 87322
Adapter for gas cartridges CG 901/904/907²⁾	10 31 87342
Foot-switch, stainless steel, 3.5 m cable	10 31 88392
② Glass spatter guard	10 31 88332
③ Flame shield, stainless steel	10 31 88342
Instrument tray, stainless steel	10 31 88352
Hot-Tray, stainless steel	10 31 88362
height-optimized 160 × 140 × 160 mm	
Pressure reduction valve	10 31 88302
for the connection of 5 or 11 kg propane gas bottles	
Burner head (standard)	10 31 85700
Burner head (long)	10 31 85710

¹⁾ incl. pressure reducer

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

Suitable cartridges and other lengths of tubes on request.

