

## BOECO FUEGO SCS BASIC SAFETY LABORATORY GAS BURNER

is a new standard among laboratory gas burners. With its innovative design this laboratory gas burner is suitable for all flame related applications in the laboratory.



**Specification:**  
**Technology:** Microprocessor  
**Programs**  
 Foot pedal: Standard (flame during pressed foot pedal)  
 Start-Stop with timer, 60 min  
 Start-Stop with timer, 60 min

Button:  
**Safety features**  
 Safety Control System (SCS) with gas safety cut off: ignition and flame control  
 temperature monitor  
 burner head clogging  
 and assembly monitor (BHC)  
 automatic unit switch off, 4 h  
 residual heat display

**Gas supply and consumption**  
 Gas connection: 1/4" left with gas filter  
 Gas types: I12ELL3B/P: natural gas E/LL, 18-25 mbar  
 liquid gas, 20 - 50 mbar  
 Connected load: 70 g/h liquid gas  
 Continuous cartridge operation:  
 CV 360 - 40 min, Express 444 -50 min  
 CG 1750 - 150 min, C 206 - 170 min  
 CP 250 - 210 min, CV 470 - 370 min

**Temperatures**  
 Flame temperature: 1350 °C on liquid gas  
 1300 °C on natural gas (E)

**Electrical**  
 Power consumption: 2VA  
 Power connection: 100 - 240 V / 50/60 Hz / max 0,3 A  
 9 V DC / 1A

**Mechanical**  
 Casing and operation controls: stainless steel / glass,  
 UV and solvent resistant  
 Cover of burner shaft: ø 23 mm, with drains  
 Size (w x h x d): 103 x 49 x 130 mm  
 Weight: 700 g

**Licenses**  
 DIN-DVGW Reg.-No: NG-2211AS0167  
 CE: EN 61326-1, EN61000-3-2, EN 61010  
 EEC guidelines: 89/336/EEC, 73/23/EEC

Code	Description
BOE 8201000	BOECO Fuego SCS basic, Safety Laboratory gas burner with button function and foot pedal, 3 standard-programs for button (function knob) and foot pedal SCS (Safety Control System) with BHC (Burner Head Control), Removable and decomposable burner head Tild mechanism, right / left, Holding device for 3 inoculation loop holders. Nozzles for natural gas, propane / butane gas, Turbo flame Wrench 17 mm for gas connection, Screwdriver for burner head and cover of burner shaft. Tubing connector with swivel nut, Switching power supply

### Accessories

Code	Description
USB 5431	Inoculation Loop / needle holder, 230 mm,
USB 5460	Inoculation Loop, st.steel wire ø 0,6mm, ø loop 1,5mm
USB 5461	Inoculation Loop, st.steel wire ø 0,6mm, ø loop 2,5mm
USB 5462	Inoculation Loop, st.steel wire ø 0,6mm, ø loop 4,0mm



## BOECO WATER BATH PWB-4 AND PWB-8

The personal advanced PID microprocessor controlled waterbath PWB-4 and PWB-8 with their specification, easy operation and small foot print are designed for chemical, pharmaceutical, medical and biological routine laboratory use and as well as for research purpose.

▶ Control Panel:  
 Easy setting and operating, adjustable temperature, alarm signal display  
 Single Line 4 digitals LED

▶ Overheat Protection:  
 The power will automatically be turned of when the internal temperature is over 110 °C

Specification	PWB-4	PWB-8
Capacity:	4 l	8 l
Temperature Range:	Room Temperature +5°C.. +99,9°C	
Temperature Setting:	0,1°C	
Uniformity:	± 0,2 (37°C)	
Fluctuation of Temp.:	± 0,5°C (RT + 5-80°C), ± 0,8 (80 - 99,9°C)	
Heating Time:	≤ 100 min (from 30°C to 90°C at RT 25°C)	
Input Power:	400 W	600 W
Water outlet:	No	Yes
Bath Inner Dimensions: (LxWxH mm)	238x135x146	325x265x150
Outside Dimensions: (LxWxH mm)	380x212x250	445x285x316
Weight:	4 kgs	8 kgs

### PWB-4

Code	Description
BOE 8036000	Waterbath PWB-4, without lid, 220V, 50/60 Hz
BOE 8036100	Waterbath PWB-4, without lid, 115V, 60 Hz

### Accessories for PWB-4

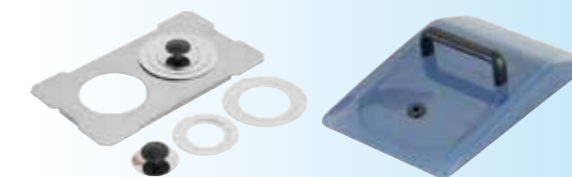
Code	Description
BOE 8036001	Gabled plastic lid
BOE 8036002	Flat stainless steel lid with 2 concentric rings
BOE 8036018	Test tube rack st.steel with 41 x 18 mm ø holes
BOE 8036015	Test tube rack st.steel with 41 x 15 mm ø holes
BOE 8036003	Flask tray, stainless steel

### PWB-8

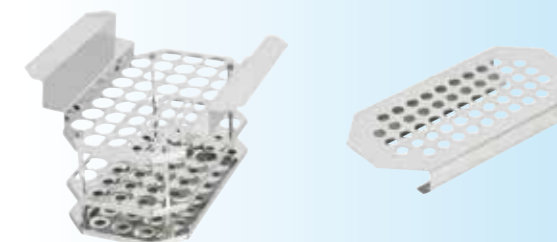
Code	Description
BOE 8037000	Waterbath PWB-8, without lid, 220V, 50/60 Hz
BOE 8037100	Waterbath PWB-8, without lid, 115V, 60 Hz

### Accessories for PWB-8

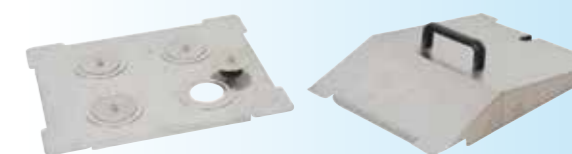
Code	Description
BOE 8037001	Gabled stainless steel lid
BOE 8037002	Flat stainless steel lid with 4 concentric rings
BOE 8037018	Test tube rack st.steel with 76 x 18 mm ø holes
BOE 8037015	Test tube rack st.steel with 76 x 15 mm ø holes
BOE 8037003	Flask tray, stainless steel



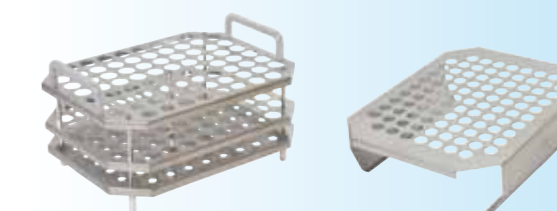
FLAT LID FOR PWB-4 GABLED PLASTIC LID FOR PWB-4



TEST TUBE RACK FOR PWB-4 FLASK TRAY FOR PWB-4



FLAT LID FOR PWB-8 GABLED LID FOR PWB-8



TEST TUBE RACK FOR PWB-8 FLASK TRAY FOR PWB-8