

Flame¹¹⁰ Safety Bunsen

New
Safety Bunsen

Flame 110 – the extraordinary precision burner

Are you searching for a solution to heat or flame any item under any angle - even upside down? Here's what you need: Our new precision burner Flame 110!

Multi-talent

The new Flame 110 is ideally suited for any kind of flaming process be it in a lab or in industry. Its long precision flame can heat your dental instruments, can sterilize your microbiological tools or flame deburr resp. flame polish your moulded plastic or rubber parts in any type of industrial production. Always safe and perfect!

Simple and safe handling

Simply push the button: Flame will start or stop instantly! You may also control it by foot pedal* or external IR motion sensor*. Safety is built-in and always active (overheat protection and automatic re-ignition).

Compact and efficient

Stainless steel, efficient cleaning, small footprint, exclusive variability and convincing economics are vital for any type of lab and industrial workstation. Flame 110 is offering a perfect combination of features:

variable flame from any angle – even upside down

safety in any operation mode

very easy cleaning of removable burner head

operation with liquid gas from cylinders or cartridges (with optional adapters)

very economic consumption of gas



Flaming from any angle
Abflammen unter jedem Winkel



*optional

Lieferumfang:

Flame¹¹⁰

Safety Bunsen

Art.-Nr. 2.110.000-L

Düse für Propan- / Butangas
abnehmbarer Spezialbrennerkopf
Halteblech mit 2 Flügelmuttern
für Überkopfbefestigung
Schraubenschlüssel 17 mm
Schaltnetzteil (weltweit)
Bedienungsanleitung

The range:

Art.-No. 2.110.000-L

Nozzle for propane / butane gas
Removable special burner head
Bracket with 2 wing nuts
for upside down mounting
Wrench 17 mm
Switching power supply (worldwide)
Instruction manual



Industrieversion:

Industry version:

auf Anfrage / on request

2004/108/EC
2006/95/EC

CE
EN 61326-1
EN 61010



Technische Daten:

Programme

Taste (Button): Start-Stop mit Überwachungstimer, 60 min
Fußpedal (optional): Flamme bei gedrücktem Fußpedal

Sicherheitseinrichtungen

mit Gassicherheitsabschaltung: Wiederezündung 1x pro Sekunde
Übertemperaturschutz
Drucküberwachung bei ca. 3 bar

Gasanschluss u. Verbrauch

Gasanschluss: 1/4" Linksgewinde mit GaseingangsfILTER
Gasart-Kategorie: I3P 1,5 bar Flüssiggas
Anschlusswert: 38 g/h
Kartuschenbetrieb (Typ - Brennzeit): C 206 - 4,5 h / CV 300 - 6 h / CV 470 - 11 h

Flammeneigenschaften

Max. Flammentemperatur: ca. 1200 °C
Flammenmaße (H x Ø): max. 120 x 10 mm
Nennwärmebelastung: 500 W

Elektrisch

Leistungsaufnahme: 2 VA
Netzteil: 100-240 V / 50/60 Hz / max. 0,3 A
9 V DC / max. 1A

Mechanisch

Brennerkopf: abnehmbar
Abmessungen (H x Ø): 75 x 88 mm
Höhe mit Brennerrohr: 135 mm
Gewicht: 580 g

Zulassungen

DIN-DVGW Reg.-Nr.: NG-2211AS0167
CE: EN 61326-1, EN 61010
EG Richtlinien: 2004/108/EG, 2006/95/EG

Technical Data:

Programs

Button: Start-Stop with timer, 60 min
Foot pedal (optional): flame during pressed foot pedal

Safety features

with gas safety cut off: re-ignition 1 x per second
overheat protection
pressure monitoring at approximately 3 bar

Gas supply and consumption

Gas connection: 1/4" left hand thread with gas filter
Gas types: I3P 1.5 bar liquid gas
Connected load: 38 g/h
Cartridge operation (type - time): C 206 - 4,5 h / C 300 - 6 h / CV 470 - 11 h

Flame characteristics

Max. flame temperature: approximate 1200 °C
Flame measurements (h x Ø): max. 120 x 10 mm
Temperature threshold level: 500 W

Electrical

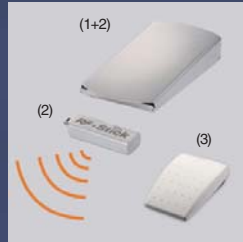
Power consumption: 2 VA
Switching power supply: 100-240 V / 50/60 Hz / max. 0.3 A
9 V DC / max. 1A

Mechanical

Burner head: removable
Measurements (h x Ø): 75 x 88 mm
Height with burner tube: 135 mm
Weight: 580 g

Licenses

DIN-DVGW Reg.-No.: NG-2211AS0167
CE: EN 61326-1, EN 61010
EEC guidelines: 2004/108/EC, 2006/95/EC



Halterung seitwärts
aus Edelstahl
Bracket sidewise
made of stainless steel
Art.-Nr. / Art.-No. 2.110.400



Halterung waagrecht
aus Edelstahl
Bracket horizontal
made of stainless steel
Art.-Nr. / Art.-No. 2.110.450



(1) Fußpedal / Foot pedal
aus Edelstahl / made of stainless steel
Art.-Nr. / Art.-No. 6.000.402

(2) Funk-Fußpedalset mit RF-Stick
(nur in EU Staaten lieferbar)
Radio controlled foot pedal with RF-Stick
(available in EU countries only)
Art.-Nr. / Art.-No. 6.000.404-RF

(3) Fußpedal Mini / Foot pedal Mini
aus Kunststoff / made of plastic
Art.-Nr. / Art.-No. 6.000.403

Externer DoubleClick IR-Bewegungssensor
zum berührungslosen Flammenstart,
aus Edelstahl, Kabellänge 0,4 m
External DoubleClick IR-motion sensor
touch-free flame activation, made of
stainless steel, cable length 0.4 m
Art.-Nr. / Art.-No. 6.000.406

(1) Sicherheits-Mitteldruckregler - 1,5 bar
für Gasflaschen mit 5, 11 bzw. 33 kg
Safety medium pressure regulator - 1.5 bar
for gas cylinders of 5, 11 or 33 kg
Art.-Nr. / Art.-No. 2.110.150

(2) DVGW-Sicherheitsschlauch
für Gewindeanschluss 3/8" L \leftrightarrow 1/4" L (1,5 m)
DVGW Safety tubing
for threaded connection 3/8" L \leftrightarrow 1/4" L (1.5 m)
Art.-Nr. / Art.-No. 2.110.310

(3) Schlauchbruchsicherung / Gas leak protection
1.5 bar: Art.-Nr. / Art.-No. 2.110.131

Sicherheitsadapter für Gaskartuschen
mit Druckminderer und DVGW-Schlauch (0,5 m)
Safety adapter for gas cartridges
with pressure regulator and DVGW-tubing (0.5 m)
C 206 - 1.5: Art.-Nr. / Art.-No. 2.110.800
zusätzlich mit Edelstahlhalter
additional with stainless steel stand
CV 300 - 1.5: Art.-Nr. / Art.-No. 2.110.831
CV 470 - 1.5: Art.-Nr. / Art.-No. 2.110.850

Gaskartuschen Propan- / Butangas
Gas cartridges propane / butane
ohne Ventil / without valve

(1) C 206, 190 g: Art.-Nr. / Art.-No. 6.000.190
mit Ventil / with valve
(2) CV 300, 240 g: Art.-Nr. / Art.-No. 6.000.183
(3) CV 470, 450 g: Art.-Nr. / Art.-No. 6.000.185

WLD-TEC

GmbH

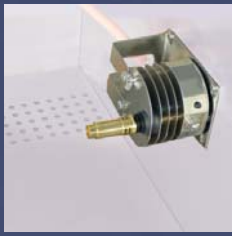
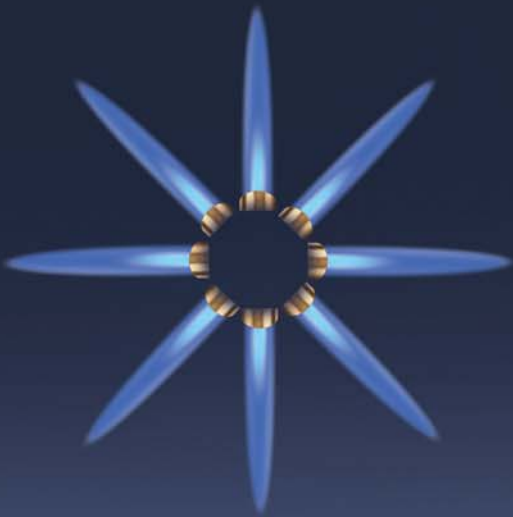
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(02/13, 2.999.200) Technische Änderungen vorbehalten / Specifications subject to change without notice



Originalgröße

original size