



LabFlame IR / LabFlame +



**LabFlame IR
LabFlame +**



**RAPID & PRECISE IGNITION
UNIFORM & CONSTANT FLAME
SAFETY CABINET QUALIFIED
HANDS FREE OPERATION**

for fastest loop neutralization
for perfect bottle neck sterilization
due to optimized air flow support
with foot switch or touch free
IR-sensor ignition



Item No.

- LF8.000.000 LabFlame IR** Double-click IR-sensor (adjustable), turbo flame ignition, Safety Control System (SCS), Burner Head Control (BHC), removable burner head, 2 nozzles for gas and propane/butane gas, wrench 17mm for gas connection, tubing connector with swivel nut, switching power supply (global), optional foot switch.
- LF8.002.000 LabFlame +** All LabFlame IR components + additional slot for rechargeable battery pack. For cable free operation in biological safety cabinets (option 800900 required)

ALWAYS READY - FULL METAL BODY - A JEWEL ON YOUR LAB BENCH

Really fast

Super fast flame ignition & high precision gas mix

Without grooves and rough edges

The low profile body facilitates lab-ergonomic operation; the streamlined design reduces air flow disturbances in a clean room workbench to a minimum. Moreover the LabFlame is very to clean - a laboratory gas burner without grooves and rough edges.

Superior safety features

LabFlame constantly analyzes potential hazards and initiates automatic interruption of the gas supply. it offers a continuous burner head control(BHC) and overheating protection. BHC unfailingly identifies burner head clogging by liquids or solid substances and ensures the correct assembly of the head!

After prolonged use, the residual heat display will sign that the burner head is still hot in order to protect the user from burns.

The adjusted automatic cut-off system inhibits unintentional ignition when the flame has not been ignited for a longer period of time.

SAFETY APPROVED!



MODES Foot switch / Pedal

- Pedal I Push button mode
- Pedal II Start/Stop + exact time set (sec.)

MODES IR Sensor

- Sensor I Auto-off mode with time set
- Sensor II Start/Stop + exact time set (sec.)
Residual burning time displayed

SETTINGS Safety & Commodity

- BHC Burner head control
- Sensor Click or double-click start!
- Stand-by Automatic switch off setting
- IR-Sensor Sensitivity range setting -III+
- Language EN - DE - FR - SP

TECHNICAL DATA

Flame temp :	1350°C on liquid gas 1300°C on natural gas
Temp. threshold level:	1.2 KW liquid gas 1.0 KW natural gas
Housing:	Stainless steel / glass UV and solvent resistant
Burner head:	Stainless steel
Cover of burner shaft:	ø23mm, with drains
Dimension(w x h x d):	103 x 49 x 130 mm
Weight:	700g

Accessories



#800600



#600200 Standard
#600210 Autoloop



#800340 For 3 loops
connectable right/left side



#8100090 Regular head
#8100091 Life science
bumber head(double height)



#8000700 Side / compet
#8000750 Rear / slim
Safety adapter with pressure
regulator and 1 gas nozzle



#6000855 Base plate
#6000850 Safety adapter
with pressure regulator



#6000800 Safety adapter
with pressure regulator



#6000800 Safety adapter
with pressure regulator



#8000402 Stainless steel
#6000403 Mini / benchtop
both pedals with power cord



#8000380 Stainless steel
LabFlame IR / Lab Flame +



#8000900 For LabFlame +
with 2 battery packs (LI-ION)
rechargeable



AG-S3022 Electrical 220 V
gas-free loop nealing for the
use in laminar flow cabinets

LabFlame Portfolio

LF8.001.000



[LabFlame basic](#), complete with full stainless footswitch
= Basic unit including stainless steel footswitch and all
LabFlame advantages such as stainless steel housing and:

- 3 standard-programs for foot pedal and button (function knob)
- SCS (Safety Control System), BHC (Burner Head Control)

LF8.003.000



[LabFlame RE](#), with wireless radio footswitch, stainless steel

- Same range as LabFlame basic
- with integrated radio system and wireless foot pedal (stainless steel)

LF8.000.000



[LabFlame IR](#), safety burner with IR-Sensor and LC Display

= Enhanced safety burner with IR sensor
Offer all LabFlame basic advantages and:

- IR-Sensor and LC-Display
- Conventional and exclusive DoubleClick IR-Sensor
- Adjustable IR-Sensor reaction distance
- 5 standard-programs for IR-Sensor, button (function knob)
- Optional foot pedal see accessory price list

LF8.000.000



[LabFlame +](#), with IR-Sensor, LCD + integrated NIMI (AA)

Rechargeable battery pack build in

= Enhanced safety burner with IR sensor
Offers all LabFlame IR advantages and cable free operation
Based on NIMI rechargeable battery pack build in



Ready to go

all LabFlame units do come fully Equipped and are ready to go

- Removable and decomposable burner head optional life science burner head
- Tilt mechanism right / left
- Holding device for 3 inoculation loop holders
- Nozzles for natural, propane/butane gas
- Turbo flame
- Wrench 17mm for gas connection
- Screwdriver for burner head cover of burner shaft
- Tubing connector with swivel nut, switching power supply (global)