

FIREBOY FLAMEBOY



Flame sterilisation with the highest safety standards

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Flame sterilisation is of central importance in microbiological laboratories with respect to safety. Bunsen burners have been used for decades as standard equipment for routine work in biological laboratories. Over the years however these units have been responsible for many laboratory fires and accidents. The **FIREBOY** and **FLAMEBOY** change that! The flame sterilisation products of INTEGRA Biosciences combine all the functional advantages of flame sterilisation with the highest safety standards of tomorrow's laboratory technology.

FIREBOY *plus*

Mobile

The **FIREBOY plus** is a mobile bunsen burner. If equipped with the adapter for gas cartridges and rechargeable battery the **FIREBOY plus** can be used wherever you wish, safely. Alternatively, it can be connected to a permanent power and gas supply.



Sensor technology

Based on sensor technology, the flame ignites in a non-touch mode. Unintentional ignitions do not happen; the reaction range of the infrared sensor is clearly defined.



Adapter for connecting gas cartridges (DVGW certified)

Safety combined with simplicity guarantees the adapter for larger gas cartridges (e.g. Camping Gaz CV270 or CV470). In less than 2 seconds the cartridge is connected to the adapter. "Click and go".



Gas Cartridge Safety Stand (DVGW certified)

This accessory accommodates common larger gas cartridges including Camping Gaz CP 250 and other Butane (250 gram) cylinders.



Operates in three modes

Foot switch

This ignites the instrument only when the foot switch is activated. Flame stays on for as long as the foot switch is pressed.

Continuous

You can easily switch the instrument ON and OFF any time manually.

Sensor

The sensor window registers your hand movement when it passes in front of the window and then the flame is automatically ignited. The flame stays on for as long as the time is set.

Triple Safety System

High laboratory safety because no pilot flame is used. Safe and reliable through unique Triple Safety System: Flame Monitoring, Overtemperature Switch, Burning Time Limitation.

FIREBOY *eco*

The simple alternative

The **FIREBOY** *eco* is also equipped with a UV-Resistant housing and provides the same accessories as the **FIREBOY** *plus*, but must be run with a foot switch.



UV-Resistant housing



Windshield for hoods



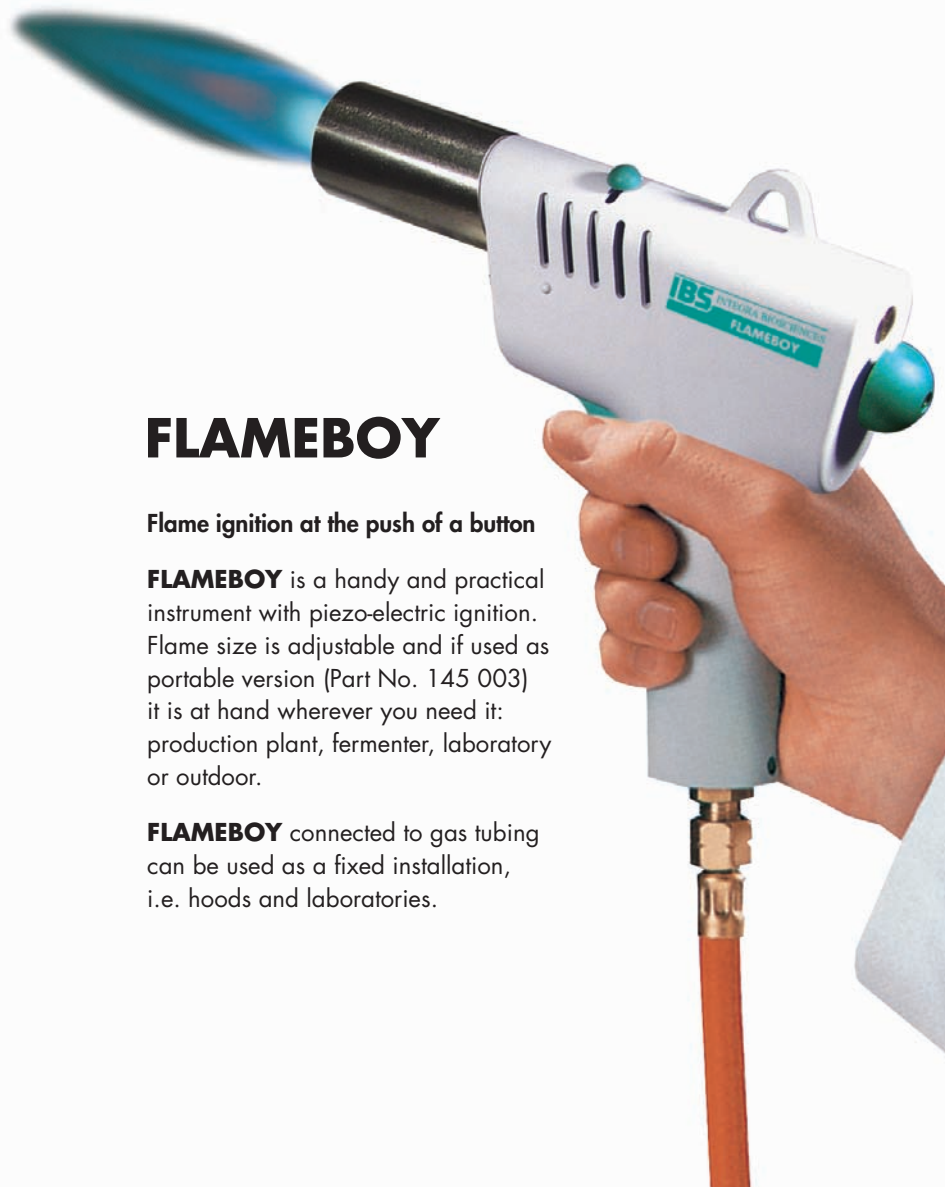
Borosilicate glass splash protector



Foot switch and connecting cable



Adapter for connecting 52g gas cartridges



FLAMEBOY

Flame ignition at the push of a button

FLAMEBOY is a handy and practical instrument with piezo-electric ignition. Flame size is adjustable and if used as portable version (Part No. 145 003) it is at hand wherever you need it: production plant, fermenter, laboratory or outdoor.

FLAMEBOY connected to gas tubing can be used as a fixed installation, i.e. hoods and laboratories.

FIREBOY FLAMEBOY

Ordering information

Description	Unit	Part No.
FIREBOY plus DVGW-approved* – safety bunsen burner with non-touch sensor, flame monitor and overheating protection, 3 operation modes (foot switch, continuous or sensor) including: • 3 nozzles for propane / butane (P), town gas (M) and natural gas (N) • Battery, 7.2 V / 600 mAh, rechargeable • Power supply • Tube adapter standard Ø 10 mm	1	143 000
FIREBOY eco DVGW-approved* – safety bunsen burner with foot switch including: • Foot switch • 3 nozzles for propane / butane (P), town gas (M) and natural gas (N) • Power supply • Tube adapter standard Ø 10 mm	1	143 100

Accessories FIREBOY plus and FIREBOY eco	Unit	Part No.
Battery 7.2 V / 600 mAh, rechargeable (only FIREBOY plus)	1	143 300
Power supply Euro 230 VAC / 50 Hz	1	143 481
Power supply UK 230 VAC / 50 Hz	1	143 486
Power supply US 120 VAC / 60 Hz	1	143 476
Battery charger, excl. transformer – the charger can be connected to the socket (only FIREBOY plus)	1	143 305
Tube adapter standard Ø 10 mm	1	143 550
Threaded adapter for ¼" gas tubing, left hand thread	1	143 220
Adapter for connecting gas cartridge (52g butane cartridges, e.g. Camping Gaz CV360)	1	143 225
Adapter for connecting gas cartridge (230g butane Cartridges, e.g. Camping Gas CV270)	1	143 280
Gas cartridge safety stand incl. adapter for 250g butane cartridges (e.g. Camping Gaz CP 250)	1	143 250
Safety tubing for standard tube adapter Ø 10 mm. Length 2.0 m, max. pressure 100 mbar, DVGW-approved *	1	140 055
Foot switch with connecting cable	1	143 200
Windshield for hoods	1	143 205
Borosilicate glass splash protector	1	143 210

Description	Unit	Part No.
FLAMEBOY Automatic flame pistol for propane, butane and town gas including: • Adapter for tubing nipple • Adapter with threaded connector • 3 nozzles for propane / butane (P), town gas (M) and natural gas (N)	1	145 000
FLAMEBOY Automatic flame pistol for propane, butane and town gas with adapter for gas cartridge including: • Adapter for connecting gas cartridges (52g butane cartridges, e.g. Camping Gaz CV360) • 3 nozzles for propane / butane (P), town gas (M) and natural gas (N)	1	145 003

Accessories FLAMEBOY	Unit	Part No.
Adapter for connecting gas cartridge for mobile, independent use, (52g butane cartridges, e.g. Camping Gaz CV360)	1	145 010
Tube adapter standard Ø 10 mm	1	143 550
Threaded adapter for ¼" gas tubing, left hand thread	1	143 220
Gas tubing 2.0 m with double-sided threaded connector ¼" DVGW-approved *	1	140 068

*) DVGW (German Technical and Scientific Association for Gas and Water)
e.V. for conformity assessment of products in gas and water supply.



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