

# FIREBOY



Safety Bunsen Burner

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Working with an open flame is an integral part of many routine applications in life sciences and chemistry laboratories. But the dangers of working with alcohol burners, ordinary gas cookers or standard Bunsen burners connected to the house gas system should not be underestimated. It is not surprising that explosions and fires caused by such devices are common sources of laboratory accidents.

The FIREBOY Safety Bunsen Burners were developed to eliminate these dangers. Their elaborate design provides the user with the most convenient way of operation and at the same time meets today's safety standards. Equipped with a rechargeable battery and in conjunction with one of the optionally available gas cartridge adapters, the FIREBOY is entirely independent of any gas distribution system and power supply and therefore allows maximal flexibility.



## Safe operation

The FIREBOY is designed to ensure highest application safety, certified by the DVGW. In principle the FIREBOY only works if consciously activated by the optical sensor or the foot switch and thus eliminates the risk of gas explosions and fires. If for instance the flame accidentally extinguishes, the FIREBOY will automatically reignite. Should it for any reason fail to do so, the unit will interrupt the gas supply and thereby prevent gas leaking. Furthermore, the user can define a maximal burning time after which the gas flow is automatically shut off, eliminating any danger when the unit is unintentionally left on.



## Convenient handling

The FIREBOY is built to provide an easy and convenient operation. All functions are easily controlled by the intuitive graphical user interface. The flame can be rapidly ignited without the need of a lighter or matches. The automatic ignition, triggered by the optical sensor or the foot switch, allows hands-free operation. The burning time is user-defined according to the individual needs, avoiding unnecessary and wasteful continuous burning.



## Independent and mobile

The FIREBOY provides you with maximal flexibility as it is equipped with a rechargeable battery and therefore independent from a permanent power supply. A choice of different DVGW certified adapters for all common gas cartridges makes the access to a house-gas system unnecessary. The adapters are conveniently clicked on the device by a proprietary quick-release fastener system. A perfect solution for working in a laminar flow bench or even outdoors.



## Functional and robust design

The FIREBOY requires only minimal bench space, but is still robust in design and can not tip over during use. The smooth, chrome-plated metal housing is easy to clean and provides both UV and solvent resistance.

## Ordering information

Description		Unit	Part No.
<b>FIREBOY plus</b>	DVGW-approved Safety Bunsen Burner with non-touch sensor, flame monitor and overheating protection, 3 operation modes (foot switch, continuous or sensor)	1	144 000
including:	<ul style="list-style-type: none"> <li>• 2 nozzles: propane / butane (P60) and natural gas (N80)</li> <li>• Rechargeable battery, NiMH 3.6V</li> <li>• Connector for 10 mm Ø gas tube</li> </ul>		
<b>FIREBOY eco</b>	DVGW-approved Safety Bunsen Burner with foot switch	1	144 010
including:	<ul style="list-style-type: none"> <li>• 2 nozzles: propane / butane (P60) and natural gas (N80)</li> <li>• Connector for 10 mm Ø gas tube</li> </ul>		



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