

HFlame

HFlame produces gas that can be used in most applications where oxygen, acetylene, propane or natural gas are employed.

HFlame is an alkaline electrolyser technology producing an oxy-hydrogen flame that is far superior to traditional technologies.

HFlame has been designed to replace standard gas and oxy-acetylene systems for a variety of laboratory and workshop applications including heating, brazing/soldering, cutting, polishing of metal, plastic, glass and quartz.

HFlame is an on-demand gas generator which provides a high temperature, focused flame from electricity and water. It removes the need to store large amounts of flammable gas and the costs of rental and delivery of gas bottles.

Key Features

- Simple to use
- Failsafe
- Precision flame
- Torch equipment remains cool to the touch increasing safety
- High flame temperature
- Faster heating of metals with a smaller heat affected zone
- No pollution
- Small amounts of stored gas increasing safety – generate on demand

A versatile oxy-hydrogen flame torch



Technical Specification	HFlame
Flow Rate (HHO)	5.8 slpm (12 scfh)
Output Pressure	2 bar (29 psi, 0.2MPa)
Electrical Power Supply	230/110V AC 50/60Hz
Power Rating	2kW peak
DI Water Requirement	ASTM Type 2 water
Electrolyte	25% KOH solution
Dimensions (H x W x D)	320 x 550 x 705 mm
Operating Conditions	Indoors well ventilated
Ambient Temperature	5 – 35°C (41 – 95°F)
User Interface	Push button with LCD screen, rotary valve

All values are for reference only and are subject to change.



Product Range (left-right): HCore, HLab 600, HLab 1000, HBox 1000, HBox 3000, HFlame, HPac