
ISO FC CE
PRECISION SEALING
FOR UNIVERSITY & LABORATORY
HHO Sealing for Both Ampoules & Quartz Tubes
Precise Flame Control
No harmful Gas Produce
On-Demand Gas Generation
Customized Solutions Provide
View More

Okay Energy Equipment Co., Ltd



- Okay Energy, founded in 2006, 19 years development
- 18 design & invention patents, over 30 products series
- ISO 9001 factory, all products passed CE, FCC, SGS and test report

Oxy-hydrogen Flame Sealing Machines



OH100-OH600



OH800-OH1000



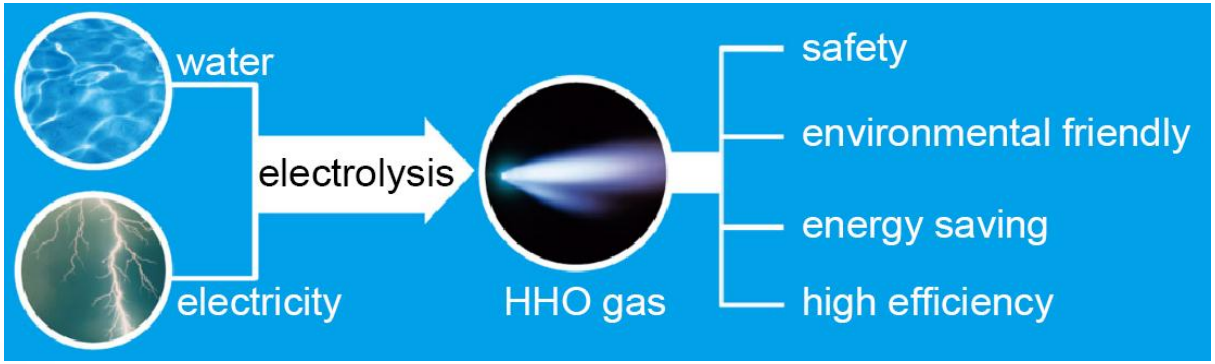
OH2000-OH3000



OH5500-OH20000

Oxyhydrogen Flame Sealing System

Working Principle



Features

Oxy-hydrogen gas is a clean and environmental friendly gas source, it was widely used for pharmaceutical factory to seal ampoules. The method of “ready to use” greatly improves the safety of gas source in uses, saves the operation process and improves the qualified rate of drug sealing.

Only consume water and electricity with no carbon emission



Replace gas cylinders(oxyacetylene)

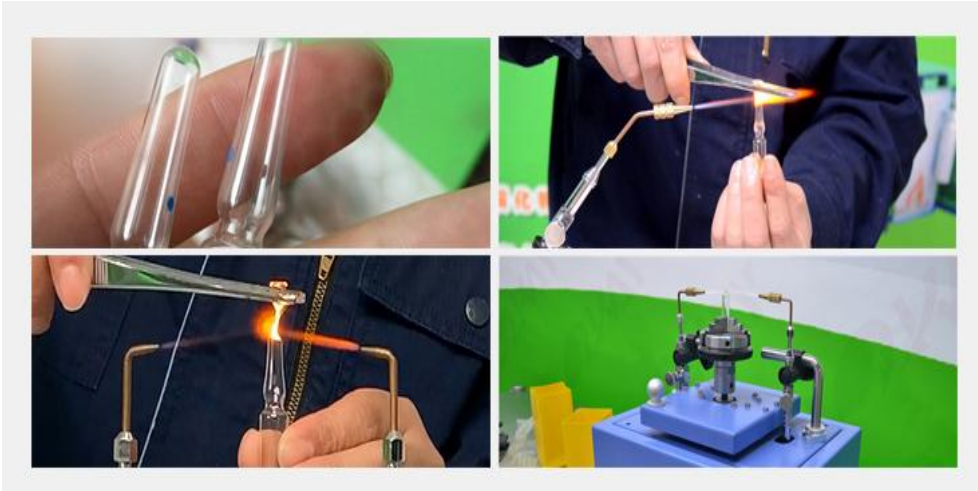


Advantages

- Save cost 50%
  consumables: water and electricity
- HHO gas clean
  no pollution
- Used by demand, no gas storage tank, no security risk
- Flame concentrated, high heat energy, improve sealing speed and qualified rate
- High temperature of 2800° , suit for sealing high melting point quartz glass material

Oxyhydrogen Flame Ampoule Bottles Sealing Solutions





Oxyhydrogen Flame Ampoule Bottles Sealing Solutions



Name	HHO torch single holder	1-25ml ampoule bottles
Model	OH200 + OKFH-1	
Application	Manual ampoule bottle sealing	
Function	Fixed single flame torch	
Nozzles Option	0.3mm, 0.4mm	
Torch Option	OHTORCH-1	

Oxyhydrogen Flame Ampoule Bottles Sealing Solutions



Name	HHO double tips torch holder	1-25ml ampoule bottles
Model	OH200 + OKFH-2	
Application	Manual ampoule bottle sealing	
Function	Fixed double flame torches	
Nozzles Option	0.3mm, 0.4mm	
Torch Option	OHTORCH-1	

Oxyhydrogen Flame Ampoule Bottles Sealing Solutions



Name	HHO double tips torch holder	1-25ml ampoule bottles
Model	OH300 + OKFH-2	
Application	Manual ampoule bottle sealing	
Function	Fixed double flame torches	
Nozzles Option	0.3mm, 0.4mm	
Torch Option	OHTORCH-1	

Oxyhydrogen Flame Ampoule Bottles Sealing Solutions



Name	Semi-auto rotary double ampoule sealing flame torch	1-25ml ampoule bottles/ 6mm to 10mm quartz tubes
Model	OH400 + OKRFH-2	
Application	semi-automatic ampoule sealing	
AC Voltage Requirement (V)	220V single phase	
Power	10W	
Height adjustment	0-150mm	
Nozzles Option	0.3mm, 0.4mm, 0.5mm, 0.6mm	
Torch Option	OHTORCH-1	
Dimensions - L*W*H (mm)	L290*W210*H290	
Gross Weight (kg)	28+9	

Oxyhydrogen Flame Ampoule Bottles Sealing Solutions



Name	18holes auto rotary ampoule sealing machine	1-10ml ampoule bottles
Model	OH400 + OKRFH-18	
Application	Automatic ampoule sealing	
AC Voltage Requirement (V)	220V single phase	
Power	30W	
Sealing capacity	1-10ml	
Torch Option	OHTORCH-1	
Dimensions - L*W*H (mm)	L380*W240*H355	
Net Weight (kg)	35+10	
Production capacity	1000pcs/h	

Oxyhydrogen Flame Ampoule Bottles Filling & Sealing Solutions



Name	18holes auto rotary ampoule sealing and filling machine	1-10ml ampoule bottles
Model	OH400 + OKRFH-18P	
Application	Automatic ampoule sealing and filling	
AC Voltage Requirement (V)	220V single phase	
Power	30W	
Sealing capacity	1-10ml	
Torch Option	OHTORCH-1	
Dimensions - L*W*H (mm)	L380*W240*H355	
Net Weight (kg)	35+10	
Production capacity	1000pcs/h	



Name	Automatic filling and sealing machine	1-2ml ampoule bottles 2 heads
Model	OH2000+OKABFKJ2-1-2	
Flame	Oxy-hydrogen gas	
Application	Automatic ampoule sealing	
AC Voltage Requirement (V)	220V single phase	
Power	550W	
Sealing capacity	1/2ml	
Capacity	3600pcs	
Dimensions - L*W*H (mm)	L1300*W980*H1350	
Net Weight (kg)	255+200	

Oxyhydrogen Flame Quartz Vacuum Sealing Solutions for Labs



The quartz vacuum sealing system whole set was independently designed by Okay Energy, it consist of Oxy-hydrogen gas flame machine, auto rotary sealing device, vacuum pump, quartz glass tube, flange, clamp joint.

The flange and clamp joints are matched to improve the vacuum degree.

Material: liquid, powder and solid materials.

Oxyhydrogen Flame Quartz Glass Tube Sealing Solutions

OK-M210	OK-M20	OK-M320
		

Vacuum pump





INERT GAS FLUSH DEVICE



Glass Tube Sealing Lathe



- The system consists of sealing lathe and oxyhydrogen flame sealer.
- Diameter within 300mm, or customized.
- Horizontal structure, the chucks can be adjustable
- Suitale for pull sealing and plug sealing

Pull Sealing picture





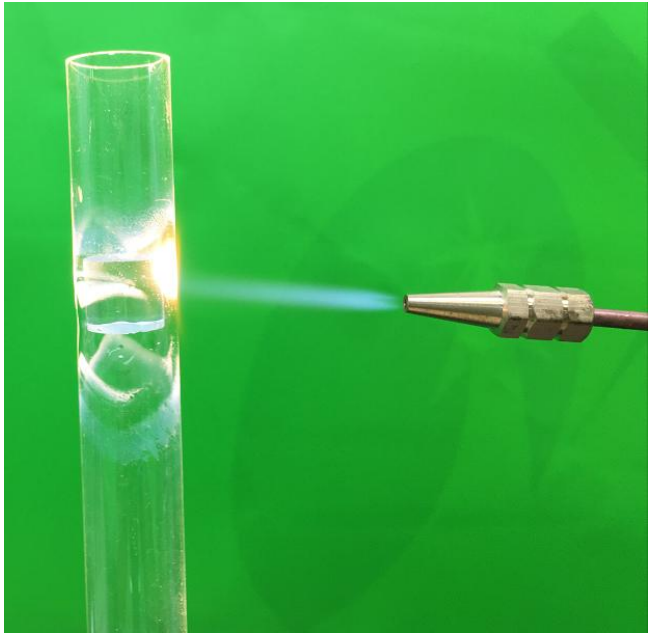






Quartz Plug inside (solid quartz column) sealing effects







How to select the correct device?

A. Material type

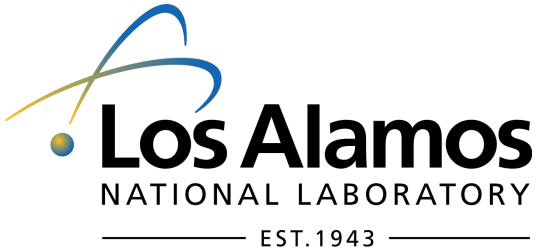




B. Dimensions (diameter and thickness)

C. Sealing methods

Customers' Case























Customers' Case



Thank you!

Okay Energy Equipment Co.,ltd