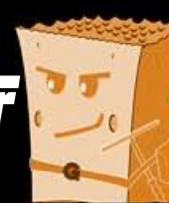


# Engine Cleaner

**Wiper**



HG-CR

## Bright Control Panel

With all thoughtful functions

System auto check.  
Pressure safety control.  
H<sup>2</sup> leakage detection.  
Over pressure detection.  
Over temperature detection.

Easy Maintenance

Only water filling & filter change are necessary.

## Patented Core

Efficient Electrolyser Stacks

Lower power consumption.  
Higher hydrogen purity.  
Longer Lifetime.



Other thoughtful design

Tumbling protection.  
Compact size.  
Emergent Stop.



## Effects

Oil sludge

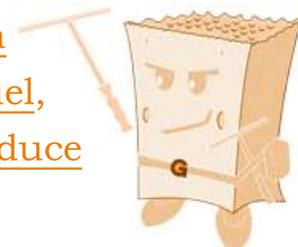


*before*

*after*



Wiper will help to clean carbon deposit, save fuel, increase power, and reduce emissions.



Rust & Impurities



Carbon Deposits



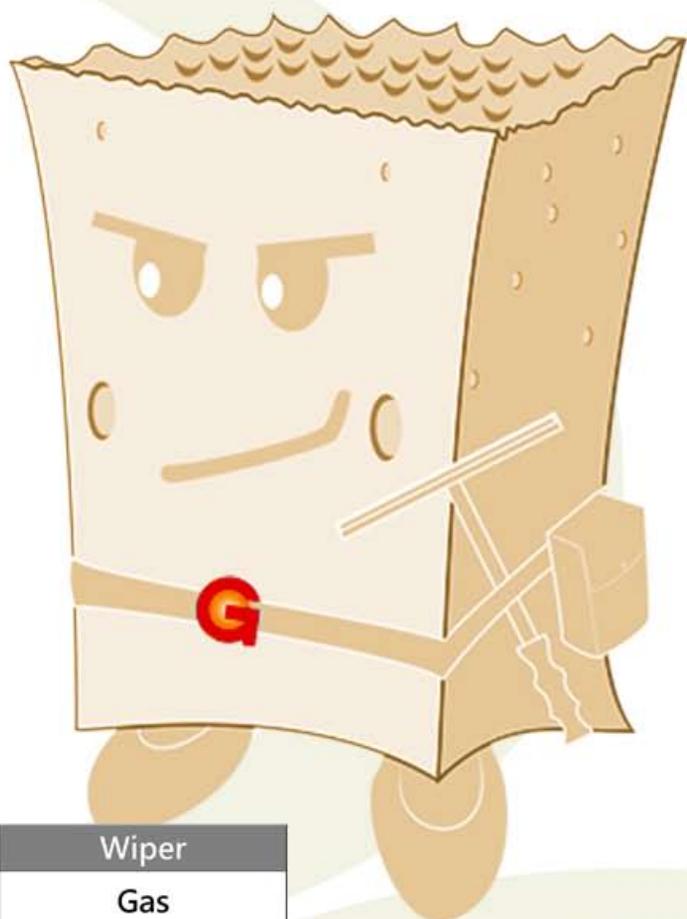
# Engine Cleaner



HG-CR

## Typical Properties <sup>+</sup>

Specification		Wiper
Required Input Voltage(AC)		100~240V, single phase
Required External Input Current(AC)		<6A@110V / 3A@220V
Max. System Power Consumption		<600W
Standard Gas Pressure Limit		0 ~0.3kg/cm <sup>2</sup>
Operating Time	<2000cc	30min.
	>2000cc	40min.
Max. Water Consumption		1.4cc/min.
Water Reservoir		4L
System Weight		40kg
Dimensions(W x D x H)		578x575x1110mm



## Compare with traditional engine cleaning

Comparison	Tradition	Wiper
Mode	Chemicals	Gas
Operating Method	Complex	Simple
Operating Time	40 min.	30~40 min.
User Cost	Need Additional Cost for Exchange of Engine Oil and Filter	Cost for Carbon Removal Only
Air Pollution	Pungent smell & chemical smoke may be hazard to human	None
Waste Water	Need Special Disposal for the Chemical Waste Water	None
Side Effect	Potential Damage on Engine and other parts	None
Environmental Protection	Virulent waste gas discharge & High pollution	None

<sup>+</sup> Typical properties are based on internal test results, not guaranteed values, and may be updated due to technology development.