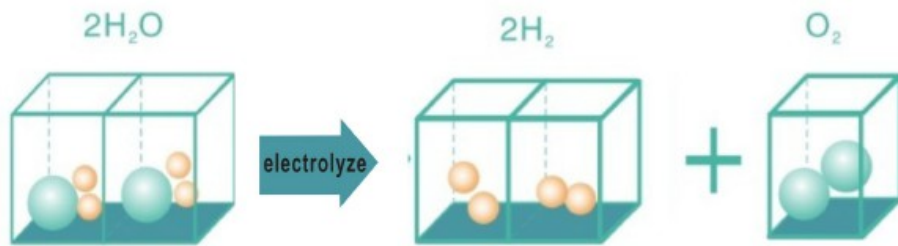


Our carbon cleaning machine uses water to produce oxygen and hydrogen, and send them through the vacuum pipe to mix with petrol or diesel to assist combustion, then cleaning the carbon deposit in car engine and also exhaust system, thus restore engine and save fuel.



Why is carbon cleaning required?

If the car's carbon problem is relatively light, it will cause the car's high fuel consumption, engine noise becomes large, will feel engine power is not enough strong when you want to speed up; but if heavier carbon problem, not only a serious fuel consumption but even the engine room of the nozzle is blocked, the engine parts will rapidly aging, affecting engine life radically.

## Why is carbon cleaning required?

### Carbon hazards

1. Cause air pollution and harm for health.



2. The cylinder head with deposited carbon, will reduce the cooling effect of the engine. The engine's power and economy are greatly reduced.



## Why is carbon cleaning required?

### Carbon hazards

3. Pistons with deposited carbon, will form many hot surface, causing preignition and deflagration, shorten engine life.



4. Air valve and its work surface with carbon, it will cause the valve closed lax and leak, appears difficult to start the engine, the valve is easy to ablation and other undesirable phenomena.



## Why is carbon cleaning required?

### Carbon hazards

5. Piston ring grooves with carbon, makes piston ring side clearance and back clearance smaller, even without gaps; cause piston ring loses its elasticity, and even broken piston rings and cylinder pull.



6. Injector with carbon, will cause the nozzle stuck easily, resulting in lack of cylinder engine is running or suddenly stalled



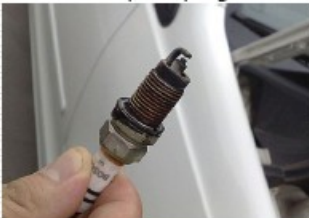
## Why is carbon cleaning required?

### Carbon hazards

7. Spray nozzle in pre-combustion chamber with carbon, will clog the nozzle holes, difficulty in starting the engine.



8. Spark plug with too much carbon, after the fuel moisture, the equivalent of a shunt resistor in parallel between the spark plug and electrodes, resulting in leakage of the spark plug is not working.



## When is carbon cleaning required

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**AAYU  
INTERNATIONAL**

One of the following occurs, it is recommended to do engine carbon cleaning.

- 1.The engine idling instability, jitter, oil revenues flameout
  - 2.The power down, poor acceleration
  - 3.cold start problems, surge, noise increases, excessive exhaust emissions
  4. In order to advance to prevent soot damage to the vehicle, it is recommended that you travel 5,000 kilometers per hydroxide was used in addition to a carbon-carbon removal machine operation.
- 

## Carbon cleaning machine application

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**AAYU  
INTERNATIONAL**

1. Auto exhaust testing station
  2. Brand auto shop
  3. Large car repair plant
  4. Auto beauty and maintenance chain shop
  5. Community, Commercial district, Hotel, Airport
-



Carbon cleaning machine application

**AAYU  
INTERNATIONAL**



Carbon cleaning machine application

**AAYU  
INTERNATIONAL**



Advantage

# HHO<sup>®</sup>

NEW



## CLEANING SCOPE

**CARBON CLEANER**  
**6.0** TECHNOLOGIES  
GENERATION





# [ CARBON CLEANER ] TECHNOLOGIES GENERATION 6.0





## HHO CARBON CLEANING MACHINE

HHO carbon clean machine is the newest achievement with HHO gas and HHO agent cleaning at the same time. Its innovative design and updated spare parts can increase the machine working efficiency to reach safer operation.



## HHO CARBON CLEANER AGENT

HHO carbon cleaner agent is a non-corrosive, non-flammable, entirely safe liquid, which is used for enhancing the carbon clean effect, protecting the engine parts and extending the engine life as well.

## STILL USE TRADITIONAL WAYS?



### Chemical cleaning

- Corrosive
- imperfect cleaning effect
- complicated operation steps
- time-consuming
- pollution



### Hydrogen Cleaning

- Unsafe, high cost
- Large water consumption
- High power consumption
- Short working duration



### Oxyhydrogen Cleaning

- No evident visual effect
- Simplex cleaning method



# HHO CARBON CLEANER 6.0 UPDATED!

## USE—Operation

EASY OPERATION, FULL-AUTOMATICAL  
CARBON CLEANING, ONLY TAKES 20 MINS



## LISTEN—Lowering noise

A LAYER OF PROTECTIVE COATING IS FORMED  
IN ENGINE, REDUCING THE FRICTION AND  
LOWERING THE ENGINE NOISE.



## SMELL—Emissions

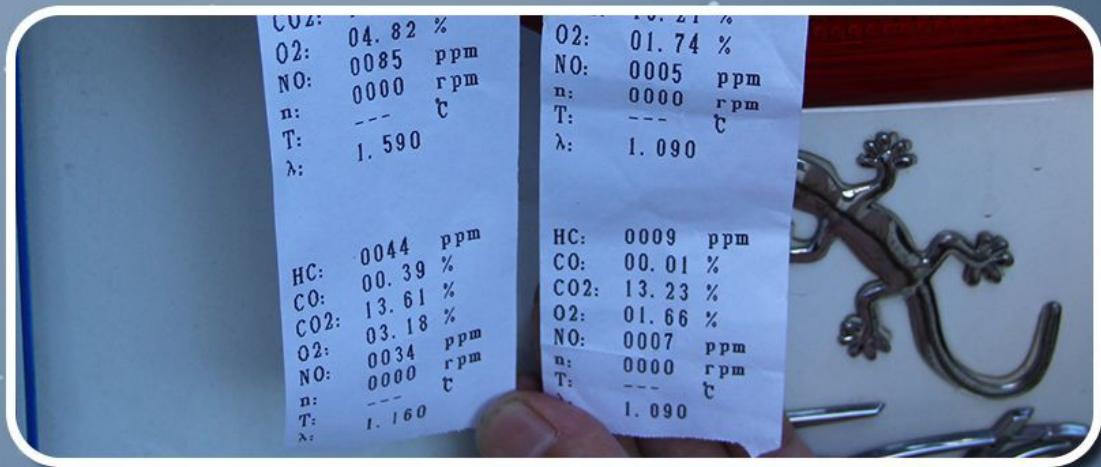
THE CHARGE GAS NO SMELL OR HARMFUL  
GAS, HHO CARBON CLEANING  
IS MORE ENVIRONMENTAL-FRIENDLY



## SEE—Visual effect

EXCELLENT CUSTOMER EXPERIENCE,  
LARGE AMOUNTS OF BLACK WASTE CAN  
BE SEEN DISCHARGED FROM EXHAUST PIPE.





# CLEANING SCOPE



**Exhaust muffler**



**Combustion chamber**



**Exhaust pipe**

# HHO CARBON CLEANING PRINCIPLE



Parameter:

## HHO CARBON CLEANER PARAMETER



Weight : **180KG**

Cleaning time: **20 MIN**

Rated Capacity:  **$\leq 7.5\text{KVA}$**

Water consumption: **0.8L/H**

Environment temperature : **40°C**

Voltage: **Single / Three Phase  
110V / 220V(50-60)HZ $\pm$ 10%**