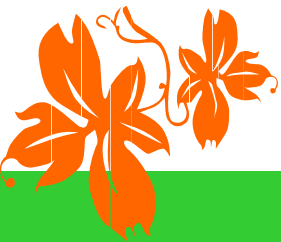


Okay Energy

HHO Carbon Cleaning System for Engines





Content

Part 1 Company Profile

Part 2 Okay Energy oxy-hydrogen carbon cleaning machine CCS series

1. Summary
2. Oxy-hydrogen carbon cleaning compare with traditional clean carbon methods
3. Operation Process
4. The effect of oxy-hydrogen carbon cleaning
5. Unique advantages of Okay CCS series
6. Technology features of Okay Energy compared with other company
7. Certificates
8. Warranty and After Sale

Part 3 Cost and Profit Analysis for this business of Carbon Cleaning

Part 4 Okay Energy Cooperators

1. Cooperation Car Brands
2. Customer visit show



Part 1 Company Introduction

- Okay Energy Equipment Co., Ltd is established in 2006, is specialized in researching and manufacturing oxy-hydrogen generator, oxy-hydrogen carbon cleaning system for car.
- There is a professional technology research team which has 20 technical personnel, including doctor and masters. We are always keeping in close cooperation with several institutions of higher learning for technical communication and devoting to improve old products, developing new products, and doing our best to meet the market demand.
- We have owned 8 core technologies, 20 design & invention patents, over 30 products series. Our production capacity is 500 units per month to meet the needs of customers. Okay Energy has passed ISO9001 quality system and TÜV attestation, CE certification. The life of our product can be over 5 to 8 years.
- Our products have exported to all over the world, such as Europe, Africa, America, Asia, Oceania and etc. Integrity is our promise, and quality is our goal. We aim at creating an "Energy Saving & Emission Reduction" new world.



THE **FIRST** MANUFACTURER OF OXYHYDROGEN GENERATOR IN CHINA

OKAY ENERGY Oxy-hydrogen Generator Application:

- Steel cutting
- Acrylic polishing
- Automobile carbon cleaning
- Boiler combustion-supporting for Fuel-saving
- Ampoule bottle sealing ● Quartz tube sealing
- Jewelry welding ● Denture welding ● Instrument welding
- Thermocouple welding ● Platinum resistor welding
- Enamelled wire welding, etc.







Office





Team



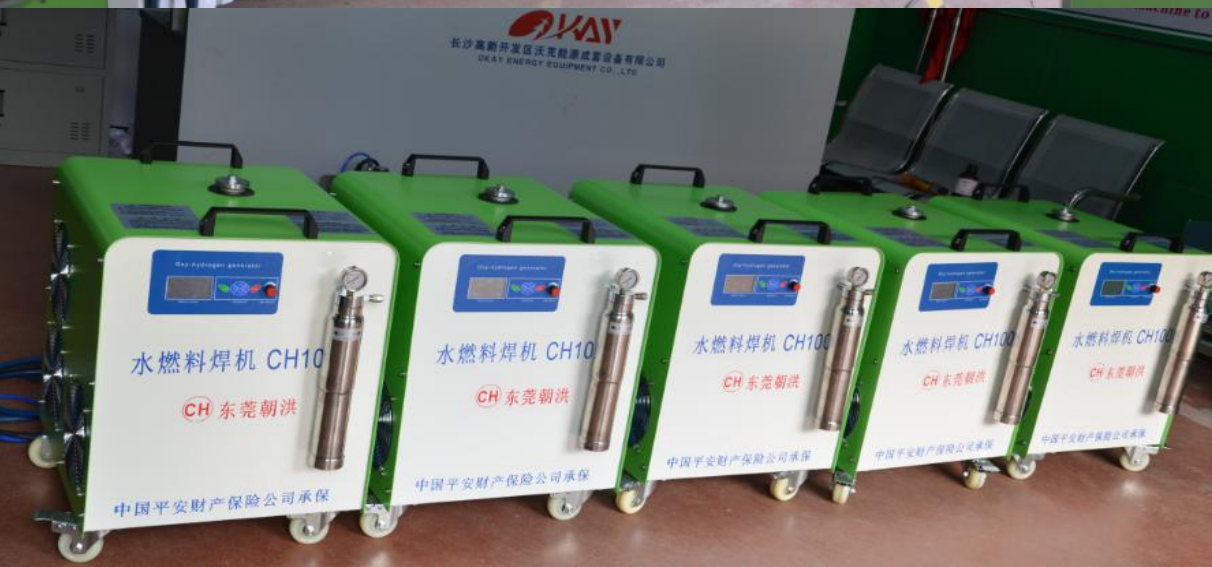


Oxy-hydrogen Carbon Cleaning Machine for Automobile





Oxy-hydrogen Carbon Cleaning Machine for Automobile





Oxy-hydrogen Carbon Cleaning Machine for Automobile





Part 3 Okay Energy oxy-hydrogen carbon cleaning machine

1. Summary



Model Number	CCS2000
AC Voltage (V)	220V, single phase
Frequency (Hz)	50/60HZ
Power Consumption (kW/h)	6.0
Max. Gas Output (L/h)	2000 (adjustable)
Max. Working Pressure (kg/c m ²)	1.9
Max. Water Consumption (L/h)	1
Water Feed	Manual
Weight (kg)	215
Dimensions - L*W*H (mm)	1075*670*1030

It suits all brands gasoline and diesel cars.

Under 12,000cc engines, set the carbon cleaning time at 20 to 30 minutes, over 12,000cc set at 40 minutes.



1. From button interface change to LCD Display interface



2. From Rectangular shape, Screen(operation interface) in side Change to Curved top, Screen on the top

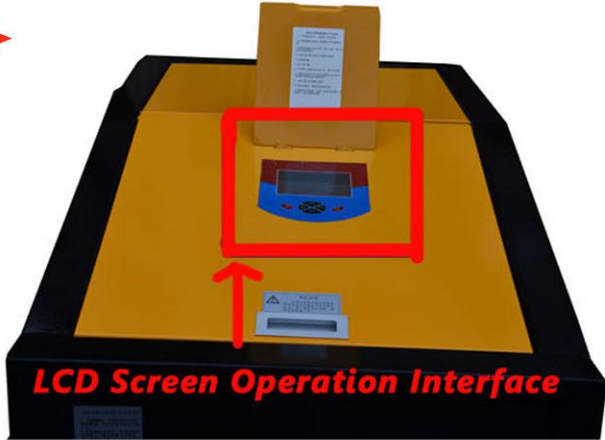




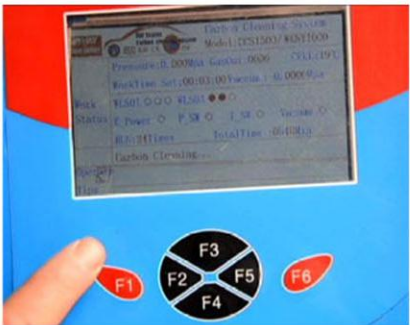
Oxy-hydrogen Carbon Cleaning Machine for Automobile



Mechanical Buttons


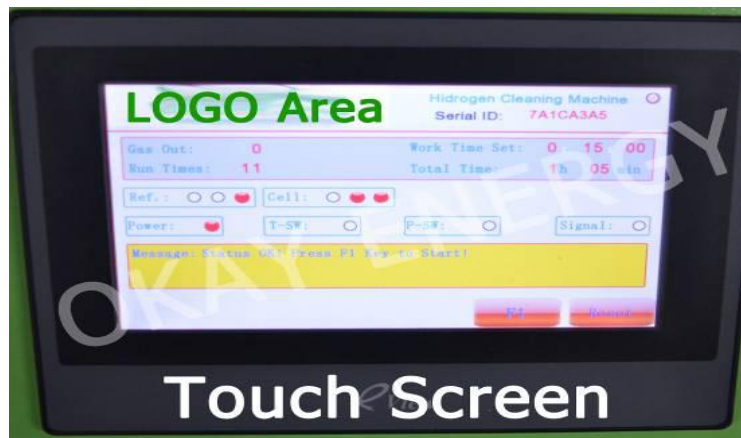


LCD Screen Operation Interface



Operating as LCD Display Guide

All the machine working conditions will show in display, user can get alarm if water shortage or over heat or over pressure and etc.

Touch Screen

2. Advantages of oxy-hydrogen carbon clean method compared with traditional methods:

Just consumes 1.5kw electricity every service time

No harmful to engine

Money saving

Safe

No harm to human body and
No harm to environment.
No any waste water or waste gas generated

Environmental

Operation Time: Only 20mins

Time saving

oxy-hydrogen carbon clean

Efficient

Increase engine performance rapidly.
Reduce exhaust emission.

No need to remove engine

Labor saving



3. Why vehicle engines need to clean carbon regularly?

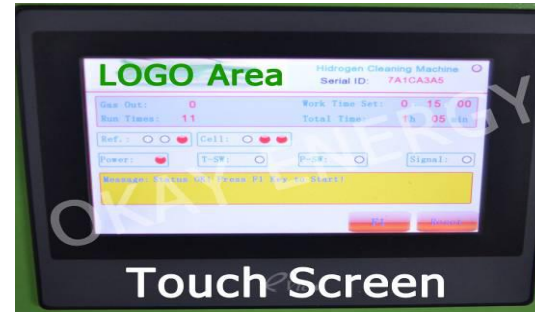
As we known, due to poor driving habits, road congestion and the poor quality of petrol, the car is driven for more than 10,000km, it will cause incomplete combustion of fuel in the engine, and consequently lead to the cylinder of engine generate carbon deposition. It will results in power declined, fuel consumption and exhaust emissions increased, the work life shortened.

4. How does this machine clean carbon?

Oxy-hydrogen carbon cleaning system adopts the principles of water electrolysis, input the 220V single phase to the device, transfer it into DC through the rectifier, split water into hydrogen and oxygen. It connect to the vacuum pipe of automobile engine through a hose, and suck into the vehicle engine under the idling situation, the mixed gas in the engine combustion chamber generate high-temperature vapor, hydrogen ion, and oxygen ion. The high-temperature vapor moistens and softens the tough carbon deposition on the surface of the engine chamber. The hydrogen ions restore the surface soft carbon deposition and form the carbon-based substances which are easy to combust; And then combust sufficiently these carbon-based substances by using support-combustion of oxygen ions. In the procedure of engine running every time, the thickness of carbon deposition after combustion is nano-level, so that the carbon deposition is discharged as nano-particles or carbon dioxide gas after combustion, it won't block the three-way catalytic converter and the gas exhausting pipe.



3. Operation Process



1. Connect the gas tube with car air intake or air filter. Connect wireless transmitter. Start car.

2. Turn on power switch, press start button. Screen begins to calculate time.



3. Time's up with alarm ring. Remind user carbon clean over.



4. Speed up to 3500rpm at the idling speed for 5 times.

Operation Process Video URL of CCS2000:
<https://youtu.be/WriYN5-W6hY>



4. The effect of oxy-hydrogen carbon cleaning service

Just need carbon cleaning time of is 20~30 minutes. There is no pollution, no harmful gases or chemical additives to harm people, engines or the environment.

- Good accelerator performance.
- Stable idling.
- Remarkable fuel saving.
- Reduce exhaust emission.
- Auto repair the oxygen sensor and ternary catalyst
- Prolong engine life.

Don't wait to too late to maintain your beloved car!

Carbon deposits is inevitable. Do regular carbon cleaning maintenance can avoid overhauling repair.

We suggest you use oxy-hydrogen carbon cleaning machine to clean your car after driving every 10000 KM
(just for reference). A new car is supposed to do carbon cleaning after 30000 KM.



5. Unique advantages of Okay Energy CCS Device

1. Computer control system built-in for carbon clean process.

Convenient

2. Timer counter system built-in, easily operated.

3. Carbon clean time-up ring built in. Automatic remind when time over.

Practical



4. LCD Touch screen display show all process by picture directly.

Reliable

Efficient

5. Only 15 mins for carbon clean

6. Wireless transmitter technology to do engine shut down detection. Machine auto stop with alarm if engine stop suddenly.

7. Own complete alarm system for over pressure, over temperature, water shortage.

Safe

8. Adopt 10 national patents

9. 2013 National science and technology plan major project.

10. Pass authoritative test from CSBTS

Advanced

11. Authoritative certification of ISO, CE, FCC, TUV.

12. Brand enters over 3000 car shops world widely.

Authority

13. Insurance Company Underwriting



6. Technology Features of Okay Energy compared with other company:

	Okay Energy Carbon Cleaning Machine	Other's Carbon Cleaning Machine
Way of Reminding	It will alarm automatically after carbon cleaning	No alarm after carbon cleaning, user need to supervise if service has finished.
Testing Way of engine stop	Wire-less testing way which is suitable for both gasoline and diesel car.	Vacuum testing ways which is just suitable for detecting gasoline car.
Control Way	PLC Micro-computer Control	Simple Circuit Board Control
Operation Panel	LCD Touch screen to show the working state and the operation steps. It is an operation way guided in the form of computer navigation, so that it is very easy to understand.	Mechanical carbon cleaning system, to use Button and indicator light to show the working state. Operator needs to be trained many times in order to operate the machine.
Fault Detection	LCD shows the reason of fault and solution and remind by alarming.	No where show problem and solve solution
Manufacturer	Okay Energy is the first Oxy-hydrogen Carbon Cleaning System manufacturer in China, richest experience in this filed	Later than Okay Energy, experience is not enough
Patent	12 items of patents	NO
Certification	CE, FCC, TUV, ISO9001	NO
Others	No need to maintain in general, just month, year checking of lines, cleaning of dust	1.Unstable vacuum testing will make fake alarming of engine shut down. 2.It will have the possibility of spraying water out from the gas pipe.



7. Certificates

Certification No. CPC12/041477



VERIFICATION OF EMC COMPLIANCE

With EU Electromagnetic Compatibility Directive 2004/108/EC

Certificate Holder : Okay Energy Equipment Co., LTD.

Manufacturing Site : No. 343, Lushan South Road, Yuelu District, Changsha, Hunan, China

Product Description : Oxyhydrogen Generator

Type and Model : OH1500, OH1100, OH200, OH300, OH400, OH600, OH1000, OH1500, OH3000, OH5500, OH7500, OH10000, CCS1500, OH60.

Parameters : 110V~450V 50/60Hz

Technical Construction File Referenced No./Rev : HO-12/EMC-963

Applicable Standard : EN 55011-2011; EN 61000-4-6-2009; EN 61000-4-3-2011; EN 61000-4-2-2010; EN 61000-4-4-2010; EN 61000-4-8-2011; EN 61000-4-5-2007; EN 61000-4-11-2005

Date Of Issuance : Aug. 22, 2012

Conclusion of Assessment :
We Herby Confirm That The Technical Construction File And Manufacturing, Inspection And Testing Processes For Above Mentioned Equipment Comply With The Essential Safety Requirements Of EU Electromagnetic Compatibility Directive 2004/108/EC & Applied Codes And Standards.

Remarks: This Certificate Is Only Valid For The Equipment And Configuration Described, And In Conjunction With The Test Data Detailed Above.

Authorized Signatory:

Name: Dennis.Smith
Position: Operations Manager



CARNOT PRODUCT CERTIFICATION TESTING LTD
 DEPT 706,19-21 CRAWFORD STREET,LONDON,W1H 1PJ
 safety@okcept.org


 2212392741

Europe CE

Certification No. CPC12/04147



VERIFICATION OF LVD COMPLIANCE

With EU Low Voltage Directive 2006/95/EC

Certificate Holder : Okay Energy Equipment Co., LTD.

Manufacturing Site : No. 343, Lushan South Road, Yuelu District, Changsha, Hunan, China

Product Description : Oxyhydrogen Generator

Type and Model : OH1500, OH1100, OH200, OH300, OH400, OH600, OH1000, OH1500, OH3000, OH5500, OH7500, OH10000, CCS1500, OH60.

Parameters : 110V~450V 50/60Hz

Technical Construction File Referenced No./Rev : HO-12/LVD-962

Applicable Standard : EN 60204-1:2010

Date Of Issuance : Aug. 22, 2012

Conclusion of Assessment :
We Herby Confirm That The Technical Construction File And Manufacturing, Inspection And Testing Processes For Above Mentioned Equipment Comply With The Essential Safety Requirements Of EU Low Voltage Directiv 2006/95/EC & Applied Codes And Standards.

Remarks: This Certificate Is Only Valid For The Equipment And Configuration Described, And In Conjunction With The Test Data Detailed Above.

Authorized Signatory:

Name: Dennis.Smith
Position: Operations Manager



CARNOT PRODUCT CERTIFICATION TESTING LTD
 DEPT 706,19-21 CRAWFORD STREET,LONDON,W1H 1PJ
 safety@okcept.org


 2212983727



Shenzhen BCTC Technology Co.,Ltd.
A.Floor 3, 44 Building, Tangliang Industrial Park B,
Taoyuan Street, Nanshan District, Shenzhen, China

FCC VERIFICATION OF CONFORMITY

Certificate Number: BCTC-14020633

We herewith confirm the following designated product:

Product : Car Engine Carbon Cleaning System (Oxy-hydrogen Generator)
Trademark : OKAY ENERGY
M/N : CCS1500
 CCS100, CCS200, CCS300, CCS400, CCS600, CCS1000,
 CCS3000, CCS5500, CCS10000, OH100, OH200, OH300,
 OH400, OH600, OH1000, OH1500, OH3000, OH5500, OH10000.

has been tested and found in compliance with the requirements of 47 CFR PART 15 B regulation & ANSI C63.4 for the evaluation of Class B of electromagnetic compatibility.

This device complies with Part 15 B of the FCC rules, operation is subject to the following two conditions
 (1) this device may not cause harmful interference, and
 (2) this device must accept any interference received,
 including interference that may cause undesired operation. (Identification of regulations/standards)

This declaration is the responsibility of the manufacturer/importer

Applicant : Okay Energy Equipment Co., Ltd.
Address : No.27, Wenxuan Road, National High-Tech Industry Development Zone, Changsha, China

Manufacturer : Okay Energy Equipment Co., Ltd.
Address : No.27, Wenxuan Road, National High-Tech Industry Development Zone, Changsha, China

MANUFACTURER / IMPORTER



TEST LABORATORY

This is the results of test that was carried out by Shenzhen BCTC. From the submitted type samples of the product is conformity with the specification of the respective standards

The certificate holder has the right to fix the FCC-mark on the product complying with the required rules.



This certificate of conformity is based on a single evaluation of the submitted sample(s) of the above mentioned product. It does not imply an assessment of the whole product and relevant Directives have to be observed.

Tel: 400-788-9558 0755-33019988 Http://www.bctc-lab.com Http://www.btc-lab.com

America FCC



Supplier Assessment
Supplier Assessment Certificate
Certification No.5649787_P+T

Changsha City Okay Energy Equipment Co., Ltd.
长沙高新开发区沃克能源成套设备有限公司
<http://ddsny.en.alibaba.com>

Onsite assessment of the following areas was conducted by TÜV Rheinland.

<input checked="" type="checkbox"/> Company Overview	<input checked="" type="checkbox"/> Human Resources
<input checked="" type="checkbox"/> Current Export Situation	<input checked="" type="checkbox"/> Export Business Capacity
<input checked="" type="checkbox"/> Production Capacity	<input checked="" type="checkbox"/> Quality Assurance
<input checked="" type="checkbox"/> Production Process Management	<input checked="" type="checkbox"/> R & D Capacity
<input checked="" type="checkbox"/> Company Development / Expansion Plans	<input checked="" type="checkbox"/> Production Flow
<input checked="" type="checkbox"/> Certification & Photos	<input checked="" type="checkbox"/> Company and Product Samples

Valid: 09 Mar. 2013 to 08 Mar. 2014

Issued by: Assessed by: Precisely Right.
Date of Issue: 08 Mar. 2013 Certification No.5649787_P+T

Signature: _____
Title: Director of Systems TÜV Rheinland Greater China

TUV Factory Authorization

CFL CERTIFICATION CENTER
CERTIFICATION OF QUALITY MANAGEMENT SYSTEM

Registration No: 06513Q20334R0M
Okay Energy Equipment Co.,Ltd.
Registered Address: Six Floor, The Northern M0 Building Of Torch City, High Tech Development Zone, Changsha City, Hunan Province, 410000, P. R. C.
Office Address: No.343 Lushan South Road, Yuelu District, Changsha City, Hunan Province, 410000, P. R. C.

Complies with the requirements of
GB/T19001-2008 idt ISO 9001: 2008
The scope of certification covers:
Oxy-hydrogen Generator Production

the 1st qualified identification	the 2nd qualified identification	the 3rd qualified identification
----------------------------------	----------------------------------	----------------------------------

The certified organization should paste 3 qualified identifications on this certificate in the period of validity.
Date of Registration: 2013-02-06 Date of Expiry: 2016-02-05

MANAGEMENT SYSTEM
CNAS C065-Q
Add:A301,Dehui Edifice,No.A39,Xingfu Avenue Dongcheng District,Beijing,100061,P.R.C.
Inquiring Website:www.bjzwl.org Inquiring Telephone:010-67161955

Version 2011 No: 12012591

ISO9001



10 China National Invention Patents



ZL200520051528.8, ZL200520051530.5,
 ZL200520051061.7, ZL200620053198.0,
 ZL200920063040.5, ZL201230439274.2,
 ZL201220470360.4, ZL201230439271.9

Patent number

- ZL200520051528.8
- ZL200520051530.5
- ZL200920063040.5
- ZL200620053198.0
- ZL200520051061.7
- ZL201220470360.4
- ZL201230439271.9
- ZL201230439274.2
- ZL201330037606.9
- ZL201330037724.X



8. After-sale Service and Warranty

1. Global call center to support, any question will reply soon within 1 day.
 - 24 hours hot phone line support.
 - 24 hours email support.
 - 24 hours phone message support.
 - 24 hours msn and Skype support.

2. 1 year product warranty and technical support for all life.
 - the core part of the machine will free change within one year.
 - the others parts will free change for half a year in addition to human damage.



Part 3 Business Project

Carbon cleaning machine cost: $USD4500 * 6.5 = RMB29250$

Carbon cleaning time: 20 minutes

Charge: 300RMB/time

Electricity: $3KWH/H * 1 RMB = 3 RMB$

Water: $0.7L/H * 3 RMB = 2.1 RMB$

Labor cost: 10RMB per car

Every month work 24 days

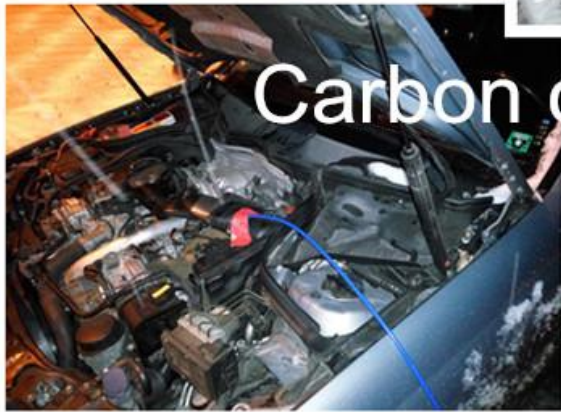
Car/day	Charge (rmb)	Time (h)	Cost= electricity + water (rmb)	Labor cost (rmb)	Profit (day)	Profit (month)	Payback period (month)
1	300	0.33	1.7	10	288.3	7207.5	4.05
2	600	0.66	3.4	20	575.94	14398.5	2.03
3	900	1	5.1	30	863.9	21597.5	1.35
4	1200	1.33	6.8	40	1151.87	28796.75	1.01
5	1500	1.66	8.5	50	1439.84	35996	0.813
6	1800	2	10.2	60	1727.8	43195	0.677
7	2100	2.33	11.9	70	2015.77	50394.25	0.58
8	2400	2.66	13.6	80	2303.74	57593.5	0.5
9	2700	3	15.3	90	2591.7	64792.5	0.45
10	3000	3.33	17	100	2879.67	71991.75	0.4



Part 4 Okay Energy Cooperators

Cooperated Car Brands

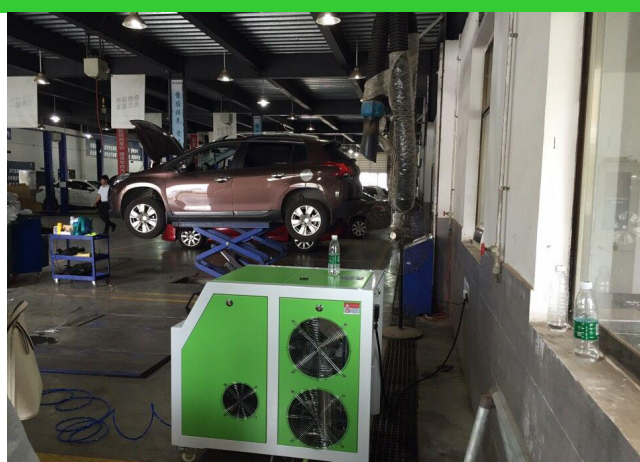
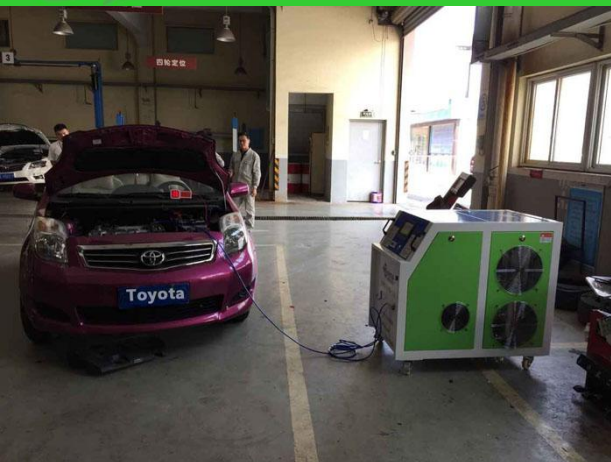




Carbon cleaning in Bulgaria



Oxy-hydrogen Carbon Cleaning Machine for Automobile



2. Customer Visit





Oxy-hydrogen Carbon Cleaning Machine for Automobile





Oxy-hydrogen Carbon Cleaning Machine for Automobile



The Canton Fair





The 119th Canton Fair





Do Carbon Cleaning Every Year, Drive New Car Everyday.

Thank You For Your Attention!