

OXYHTECH[®]

INNOVATIVE TECHNOLOGIES

Innovating for growth





OXYHTECH

Oxyhydrogen Technologies, S.L.

Manufacturers and suppliers of ecological cleaning equipment for combustion engines

We offer a wide range of products with the most advanced technology used in the automotive industry.

Carbon Cleaning Machines and DPF Cleaners to provide internal cleaning of any engine or filter in order to restore performance and reduce smoke and gas emissions.

Advanced technology, fully developed in Spain for over 10 years now in order to create innovative machines that are revolutionising the automotive market both nationally and internationally.

"All our products stand out for their high quality, unique self-developed technology, efficiency, precision, stability, low energy consumption and highest environmental protection"



Innovation

Continuous search for cost-effective solutions



Worldwide leaders

Operating in more than 50 countries



OXYHTECH[®]

INNOVATIVE TECHNOLOGIES



Reliability guarantee

Design and development of all our products



Quality

Chosen by the best brands



CARBON CLEANING MACHINES

Our Carbon Cleaning Machines use a highly efficient electrolysis process with power supplies (active pulse), which dissociates the oxygen and hydrogen from the water, turning them into a gas called oxyhydrogen.

The high calorific power of the oxyhydrogen gas, injected into the engine, generates a rapid increase in the combustion temperature, which causes a controlled pyrolytic implosion that burns, disintegrates and eliminates all the carbon deposits accumulated in the engine in just 60 minutes.

Our equipment provide the biggest gas production in the whole national and international market.

SUITABLE FOR ALL TYPES OF FUELS
DIESEL, GASOLINE, LPG, METHANE...



COMBUSTION DIFFERENCES



Let the results speak for themselves



Test performed after 1 hour of treatment with the Oxytech Maxi model

Vehicle: BMW Series 1 2.0 l
Year: 2016 Km: 80.000

	Before treatment	After treatment
CO	3.741	0.001
HC	185	0
LAMBDA	0.890	1.014

Vehicle Audi A4 2.0 Tdi
Year: 2016 Km: 113.450

	Before treatment	After treatment
DPF load coefficient	245,1%	4,3%
Amount of deposits in DPF	39,99%	1,04 %

Vehicle: Mercedes GLC 350
Year: 2017

	Before treatment	After treatment
Maximum Power	326,5 (HP)	347,6 (HP)
Maximum Torque	489,9 (ft.lbs)	506.4 (ft.lbs)



+21,1 HP
+16,5 (ft.lbs)

CARBON CLEANING MACHINES



Midi

Voltage: 220V / 110V – 16 AMP SHUKO Plug
Maximum consumption: 2.0 kW
Gas production: 1.200 l/h
Weight and dimensions: 68 Kg. 77 cm x 45 cm x 37cm

DIESEL Up to 3.500 cc
GASOLINE | GLP | METANO Up to 6.000 cc



Maxi 4.0



Voltage: 220V /230V– 16 AMP CETAC Plug
Maximum consumption: 2.5 kW
Gas production: 2.300 l/h
Weight and dimensions:90 KG. 93,5 cm x 46cm x 47,5cm

DIESEL Up to 5.000 cc
GASOLINE | GLP | METANO Up to 15.000 cc

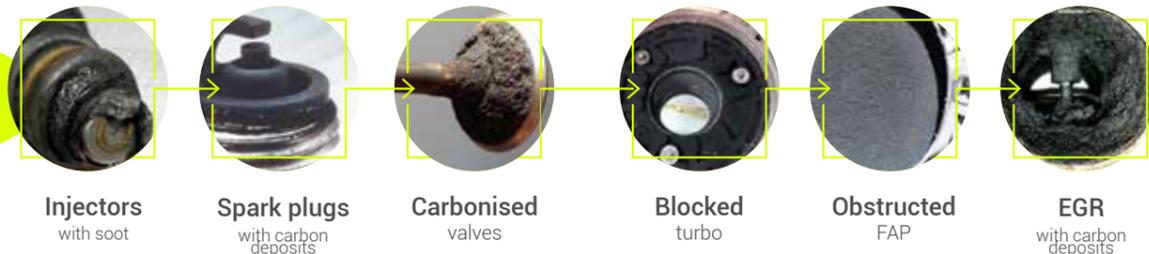


Maxi PLUS 4.0

Voltage: 220V/230V– 32 AMP CETAC Plug
Maximum consumption: 5 kW
Gas production: 4.600 l/h
Weight and dimensions: 141 KG. 93,5 cm x 65 cm x 47,5 cm

DIESEL Up to 30.000 cc
GASOLINE | GLP | METANO Up to 60.000 cc

Where they clean



NEW FUNCTION VIA WIFI CONNECTION



SAVE AND CONSULT THE LIST OF DESCALING PERFORMED.
YOU CAN ALSO SEND IT TO YOUR CUSTOMERS BY DOWNLOADING THE REPORT

TECHNICAL CHARACTERISTICS

- Touch screen
- Visual and audible error message
- Emergency stop button
- Specific programmes EGR/Turbo/DPF
- Gas production regulator
- Step-by-step guide
- 6 predefined languages
- Pressure relief valves
- Bluetooth connection
- OBD II sensor
- LED operation
- Wheels for easy moving

CARBON CLEANING MACHINES



CHEMICAL PRODUCTS FOR ENHANCED ADDITIONAL CLEANING

OXYHTECH DIESEL INJECTOR INTERNAL CLEANER - DIESEL (200 ML)

Diesel injectors internal cleaner system removes sediment from the injectors, the injection pump and the fuel system, getting any waste removed during the decarbonization process.



OXYHTECH GASOLINE INJECTOR INTERNAL CLEANER - GASOLINE (200 ML)

Gasoline injectors internal cleaner system removes sediment from the injectors, the injection pump and the fuel system, getting any waste removed during the decarbonization process.



OXYHTECH FAP / DPF DPF REGENERATING ADDITIVE (200 ML) DPF

DPF Regenerating Additive achieves the optimization of internal cleaning of the DPF in our equipments.

Recommended for FAP / DPF cleanings in critical situations.

Thousands of daily decarbonisations



Follow us on our social media networks



After years of development, with the New Total Intake Cleaner, we complete our range of products for the maintenance of internal combustion engines.

The specially developed formula works perfectly in all internal combustion engines whether they are Diesel, gasoline or LPG for cars or commercial vehicles. The absolute novelty of the Oxytech Total intake cleaner is that it works by spraying and with the engine slightly accelerated, thus dissipating the product to cover the entire intake system.

This professional formula is designed to be used, in addition to independently, also with our decarbonizers, completing the cleaning carried out by them and giving all engine components a deep and lasting clean.



[Benefits]

CLEANS the entire intake system, including the throttle body, intake manifold, intake valves and swirls, removing harmful deposits and build-up.

RESTORES engine performance, improving acceleration, power, and fuel economy.

PROTECTS against future deposits and build-up, prolonging the life of the engine.



ANTES

DESPUÉS



ANTES

DESPUÉS



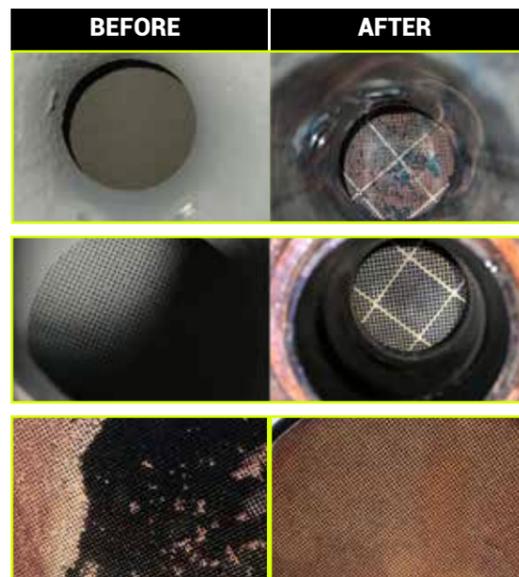
NOTE: Up to now, the existing products on the market for cleaning the intake have always worked in the form of Venturi and drip, thus obstructing the passage of essential air for engines (especially Diesel) and preventing the flowmeter from reading the values of correctly, affecting the proper treatment and proper functioning of the engine itself, as well as causing accumulation of liquid at the intake inlet due to dripping and little or no dissipation in the rest of the parts.

DPF CLEANER MACHINES

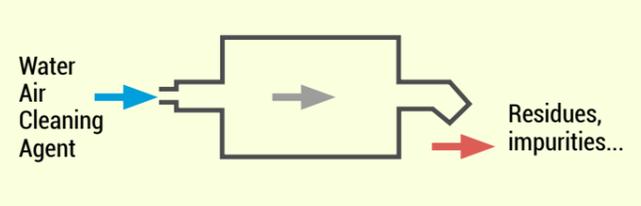
Machines designed for cleaning particle filters of any vehicle. OXYHTECH DPF model for: cars and light vehicles OXYHTECH DPF PLUS model for: trucks, cars, vans, industrial machinery...) and for cars and light vehicles in the case of the OXYHTECH DPF + model.

Our DPF cleaners are designed to achieve particle filters cleaning and regeneration, eliminating 100% of the carbon, soot and ashes in record time. They also have functions of automatic adjustment through a simple control screen so that the operation is fully guided and intuitive.

The machines include a wide range of accessories to adapt to the filter model of any vehicle.



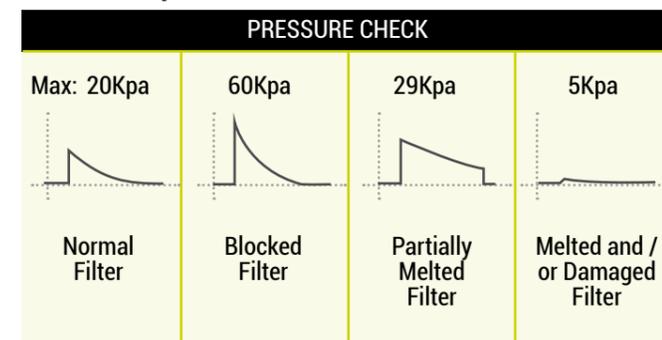
Cleaning process



Automatic cleaning process

DPF CLEANING	AUTO CLEANING
<ul style="list-style-type: none"> 1. Auto clean 2. Press Check 	<ul style="list-style-type: none"> Water: 10 sec Air: 5 sec Count: 30 times

Differential pressure control



Dpf

Number of cycles: 5 ~ 60 times
Air time: 0 ~ 30 seconds per pulse
Water time: 0 ~ 30 seconds per pulse
Input voltage:
110~240V 50 / 60Hz, single-phase

Internal air tank: 20L
Weight & dimensions:
100 Kg. 1.000 x 500 x 1.200 (mm)



Process: Automatic | Cleaning agent: Oxytech chemical, water and air | Display Mode: Digital | Differential pressure reading: KPa and graph | Compressor needed: Minimum deposit capacity 50L



Dpf PLUS

Number of cycles: 5 ~ 60 times
Air time: 0 ~ 30 seconds per pulse
Water time: 0 ~ 30 seconds per pulse
Input voltage:
110~240V 50 / 60Hz, single-phase

Internal air tank: 40L
Weight & dimensions:
140 Kg. 1.000 x 500 x 1.200 (mm)



Process: Automatic | Cleaning agent: Oxytech chemical, water and air | Display Mode: Digital | Differential pressure reading: KPa and graph | Compressor needed: Minimum deposit capacity 50L



CHEMICAL PRODUCT

CONCENTRATED CLEANER FOR DPF (1000 ML)

Cleaning agent specifically designed to use with Oxytech Maxi and Oxytech Maxi+ DPF cleaning machines.

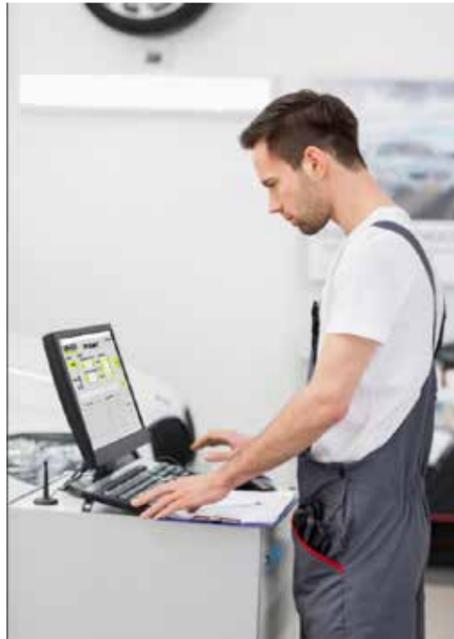
The compound is specifically formulated to safely remove impurities deposited in the diesel particulate filter of any type of vehicle.

This treatment will be carried out after introducing the filter into the Oxytech filter cleaning machines.



DPF CLEANER MACHINES

NEW APPLICATION VIA WIFI CONNECTION



CUSTOM SETTINGS

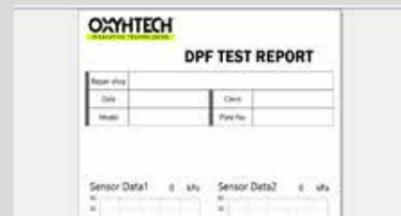
CLEANING FROM INTAKE TO THE EXHAUST SYSTEM



Adapters for all types of filters



100% guaranteed clean



Before and After reports



Easy-to-use digital display
Fully automatized process



Checking the condition of the filter / differential pressure control



Emergency stop button



Pressure regulator



Universal air and water inlet



Reduced size / High quality

CONSTANT INVESTMENT IN R+D+I



Thanks to our investment in R+D+I, we have received international recognition in different competitions, as well as recognition from our more than 4,000 customers.

AFTER-SALES SERVICE AND ADVICE

We offer an after-sales service with remote diagnostic capability and advice to our customers so that they can maximise the value and return on their investment in our technology.



OXYHTECH DIGITAL COMPRESSION TESTER



ALWAYS ONLINE FOR YOU

We get in contact with you through our website, social media, whatsapp and in our facilities.



With our OXYHTECH DIGITAL COMPRESSION TESTER it is possible to check the compression in the cylinders of an internal combustion engine, both petrol and diesel with between 2 and 12 cylinders **SIMPLY BY CONNECTING IT TO THE BATTERY.**

Through dedicated software, it allows you to check the compression efficiency of endothermic engines directly on board the vehicle in a few seconds.

Our **DIGITAL COMPRESSION TESTER** allows you to:

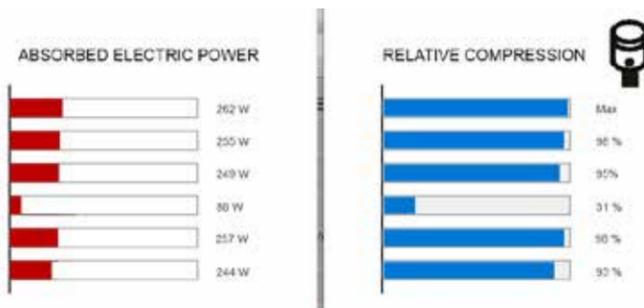
- Demonstrate to your customers the results of the work carried out (decarbonisation, oil change, spark plug change, etc).
- The condition of the starter motor
- The condition of the battery at idle and under power
- Check the alignment of each cylinder
- Check the compression of each piston
- Possibility to store and print the test performed and review it as a whole.

INCREASE YOUR TURNOVER by offering an initial diagnosis that will allow you to offer extra services to your customers.



TEST CARRIED OUT ON VEHICLE: **VW GOLF** KM: **110.000**

BEFORE THE ONE-HOUR TREATMENT WITH AN OXYHTECH MIDI CARBON CLEANER



AFTER THE ONE-HOUR TREATMENT WITH AN OXYHTECH MIDI CARBON CLEANER



In this test carried out by one of our workshops it can be seen that after the decarbonisation treatment the compression of the cylinders has increased by approximately 30% and the compression problem present in piston 4 has practically disappeared.

“ THE CYLINDER COMPRESSION HAS INCREASED BY **30%** ”

“ ONE OF THE PISTONS HAS BEEN REALIGNED MORE THAN **60%** ”



JOIN OUR WORKSHOPS NETWORK



Check all our workshops in our website and follow us on social media



OXYHTECH®

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ANY DOUBTS? CONTACT US

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We will be delighted to help you!

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