



***INNOVATIVE SOLUTIONS
FOR MORE PROFITABLE WORKSHOPS***

OXYHTECH GLOBAL S.L.

Manufacturing and marketing company of ecological cleaning equipment of combustion engines

With more than 10 years of experience, Oxyhtech develops advanced technologic solutions to improve workshop efficiency and profitability.

Our commitment to prove innovation has made us an international benchmark in engine cleaning and maintenance.

Engine decarbonizers: equipment designed to restore performance and optimize fuel consumption by removing accumulated carbon residues, improving power and reducing emissions.

Particulate filter (DPF) cleaning equipment: advanced solutions for cleaning particulate filters, removing debris and extending filter life without damaging the system.

Total Intake Cleaner: A complete cleaning system that cleans the throttle body, intake manifold, valves and throttles, removing harmful deposits and buildup without causing side effects.

Additives: formulated to clean and protect internal vehicle components while optimizing the performance of engines and injection systems. Used during decarbonization and maintenance processes, they ensure more efficient combustion, reduce wear and extend engine life.

New laser welding technology: an innovative solution that stems from our ongoing commitment to tools that improve productivity and reduce workshop costs.

Our technology, developed entirely in Spain, is synonymous with efficiency, precision and reliability. More than 60 countries rely on us, consolidating Oxyhtech as an industry benchmark.



INNOVATION THAT ENHANCES YOUR BUSINESS

We offer beneficial solutions for workshops

INTERNATIONAL LEADERSHIP

Presence in more than 60 countries

GUARANTEED RELIABILITY

Internal design, development and production

RENOWNED QUALITY

Top brands rely on our technology

DECARBONIZERS *FOR ENGINES*

REDUCTION OF **SMOKE**
AND **EMISSIONS**

THE **MOST POWERFUL**
GLOBALLY

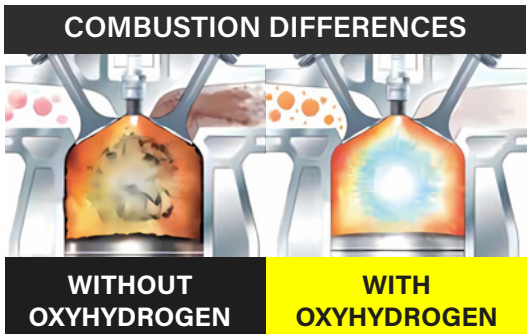
RECOVERY
OF **POWER**

How do they work?

Our decarbonizing machines use a *highly efficient electrolysis process* with energy sources (active pulse), which **dissociates the oxygen and hydrogen** in water, **converting them into a gas called oxyhydrogen**.

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

Our equipment boasts the highest gas production capacity on the market, both domestically and abroad.



WHERE THEY WORK



VALID FOR

All fuel types
Diesel, gasoline, LPG, CNG...
All types of vehicles



TECHNICAL FEATURES

Display	Touch screen
Sensor	OBDII with tec. EMUTECH



NOVA 4.0

The ideal choice for **decarbonizing engines** up to 6,000 cc, improving performance and efficiency. Compact, easy to use and with smart technology, it is perfect for workshops seeking quality and convenience.

Voltage	220/110 V - Schuko socket 16 A
Gas production	1,500 l/hour
Dimensions	770 x 450 x 370 mm
Weight	68 KG
Gasoline/GLP/Methane	Up to 6,000 cc.
Diesel	Up to 3,500 cc
Maximum consumption	2.8 kW



ULTRA 4.0

It takes **decarbonization to the next level**, with more power and capacity for larger engines. Its advanced technology ensures deeper and faster cleaning, ideal for workshops seeking maximum efficiency and best performance.

Voltage	220/230 V - CETAC 220v 32 A
Gas production	4,600 l/hour
Dimensions	935 x 650 x 475 mm
Weight	141 KG
Gasoline/GLP/Methane	Up to 60,000 cc.
Diesel	Up to 30,000 cc.
Maximum consumption	5 kW

PARTICULATE FILTER CLEANING

How does it work?

Designed for cleaning particulate filters of any vehicle in the case of "OXYHTECH DPF +" model (trucks, cars, vans, industrial machinery...) and for all types of light vehicles in the case of "OXYHTECH DPF" model.

Our FAP cleaners are designed to achieve FAP cleaning and regeneration by **removing 100% of soot and ash in record time**. They are also equipped with automatic adjustment functions through a simple control screen, so that **the operation is totally guided and intuitive**.

The machines include all kinds of accessories to fit any filter model for any vehicle.

TECHNICAL CHARACTERISTICS

Process	Automatic
Detergent	Oxyhtech chemical, water and air
Display modes	Digital
Differential pressure reading	kPa and graph
Compressor required	Minimum capacity of tank 50 L
Adapters	For all types of filters and catalytic converters
Display	Digital with automated process
Reports	Before and after

PROFESSIONAL AUTOMATED FILTER CLEANING

The system performs combined pressurized water and compressed air cycles, effectively removing accumulated ash and debris from the filter.

The entire process also includes **automatic differential pressure control** to **ensure optimal results**.

The use of our detergent is **essential!**

- Guarantees the results
- Maintains machine warranty
- Extends the life of the particulate filter

For effective cleaning and to maintain the machine's warranty, **the use of the unique Oxyhtech cleaner is essential**.



IMPORTANT!!
Use of unauthorized products may damage the cleaning system and void the equipment warranty.



DPF CLEANER



Voltage	110 - 240V 50 / 60Hz, single phase
Dimensions	1,000 x 500 x 1,200 mm
Weight	100 KG
Air tank	20 L

It also cleans intercoolers and EGR valves.



DPF CLEANER PLUS



Voltage	110 - 240V 50 / 60Hz, single phase
Dimensions	1,000 x 500 x 1,200 mm
Weight	100 KG
Air tank	40 L

It also cleans intercoolers and EGR valves.

NOVALASER 4IN1

Portable laser technology

Welding with and without material input, cutting and cleaning with professional precision. A new generation of laser equipment that takes workshop autonomy to another level.

4 functions
in 1 portable device

Oxyhtech Novalaser	Conventional methods
- Precise welding without distortion - No slag or residue - Minimal use of consumables - Ideal for body, exhaust, chassis, auto chassis, etc. - High speed + automation	- More heat and deformation - More scrap and cleanup - Constant use of rods and gases - Need for more equipment and operators - Slower and more manual

KEY ADVANTAGES

- Less surface deformation
- No dust, no abrasives, no toxic products
- Saving time and consumables
- Ready to use: all it takes is nitrogen and compressed air

INTENSIVE USE?

WE HAVE THE SOLUTION

For workshops that perform laser welding work on a daily basis, Oxyhtech offers its own nitrogen generator.

- No need to depend on gas cylinders
- Offers maximum autonomy
- Ideal for large volumes of work



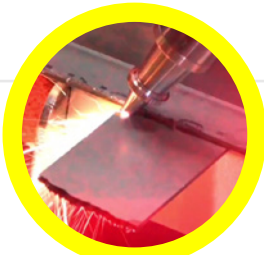
A NEW WAY OF WORKING

An innovation that reduces costs and improves service

- PORTABLE AND SELF-CONTAINED
Its lightweight design allows it to be taken anywhere in the workshop. Ideal for quick interventions without having to move vehicles or wait for outside welders.
- PORTABLE LASER TECHNOLOGY COMES TO YOUR WORKSHOP
Less external dependence, more control, more profitability. **Become an expert with Oxyhtech.**



WELDING



CUT



CLEANING

INTAKE AND COMPRESSION TESTER

TOTAL INTAKE CLEANER

With the new Total Intake Cleaner, Oxyhtech expands its range for thermal engine maintenance. Its professional formula is compatible with **diesel, gasoline and LPG** engines of both passenger cars and industrial engines.

It is applied by misting while the engine is running, ensuring **complete cleaning of the intake system**. It can be used independently or together with our decarbonizers for a deeper and longer-lasting cleaning.



Cleans	Cleans the vacuum system without leaving solid residue.
Restore	Restores performance, improves acceleration, power and fuel consumption.
Protects	Cleans, protects and prolongs engine life.

DIGITAL COMPRESSION TESTER

With our Oxyhtech digital compression tester, you can check the cylinder compression of an internal combustion engine, both gasoline and diesel, from 2 to 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 matter of seconds.

Increase your turnover by offering an initial diagnosis that will allow you to offer extra services to your customers.



View results	Decarbonization, oil change, spark plug change, etc.
Motor control	Check the condition of the starter motor.
Battery status	Check the state of the battery at rest and under stress.
Pistons	Know the alignment and compression of each piston
Storage	You can store and print the tests performed and review them as a whole.

AUXILIARY PRODUCTS

FOR DECARBONIZERS



OXYHTECH DIESEL

Diesel injection system internal cleaner (250 ml)

Removes deposits from the injectors, injection pump and fuel system during decarbonization with our equipment.



OXYHTECH PETROL

Internal fuel injection system cleaner (250 ml)

Internal gasoline injection system cleaner that removes sediment from the injectors, injection pump, and fuel system so as to eliminate residue produced during decarbonization with our equipment.



OXYHTECH FAP / DPF

Optimized Catalytic FAP Cleaner (250 ml)

FAP / DPF cleaner for use with our decarbonization equipment to achieve optimized internal FAP / DPF cleaning.

Recommended for FAP / DPF cleaning in critical situations.

FOR DPF CLEANER



CLEANER FOR DPF

Concentrated particulate filter cleaner (1000 ml)

Detergent developed specifically for use with Oxyhtech DPF and Oxyhtech DPF PLUS FAP cleaning machines.

Compound formulated to safely remove impurities deposited on particulate filters and catalytic converters of all types of vehicles.

OUR **PROCESS**

Cleaning from the manifolds to the exhaust

Our products Injector Cleaner, Total Intake Cleaner and Oxytech Ultra / Nova, are applied to the front of the vehicle. On the other hand, our DPF and DPF Plus, on the other hand, work on the particulate filters, at the rear of the vehicle.

AFTER-SALES SERVICE AND ADVICE

We offer service and advice to our clients, so that they can make the most of their investment in our technology.

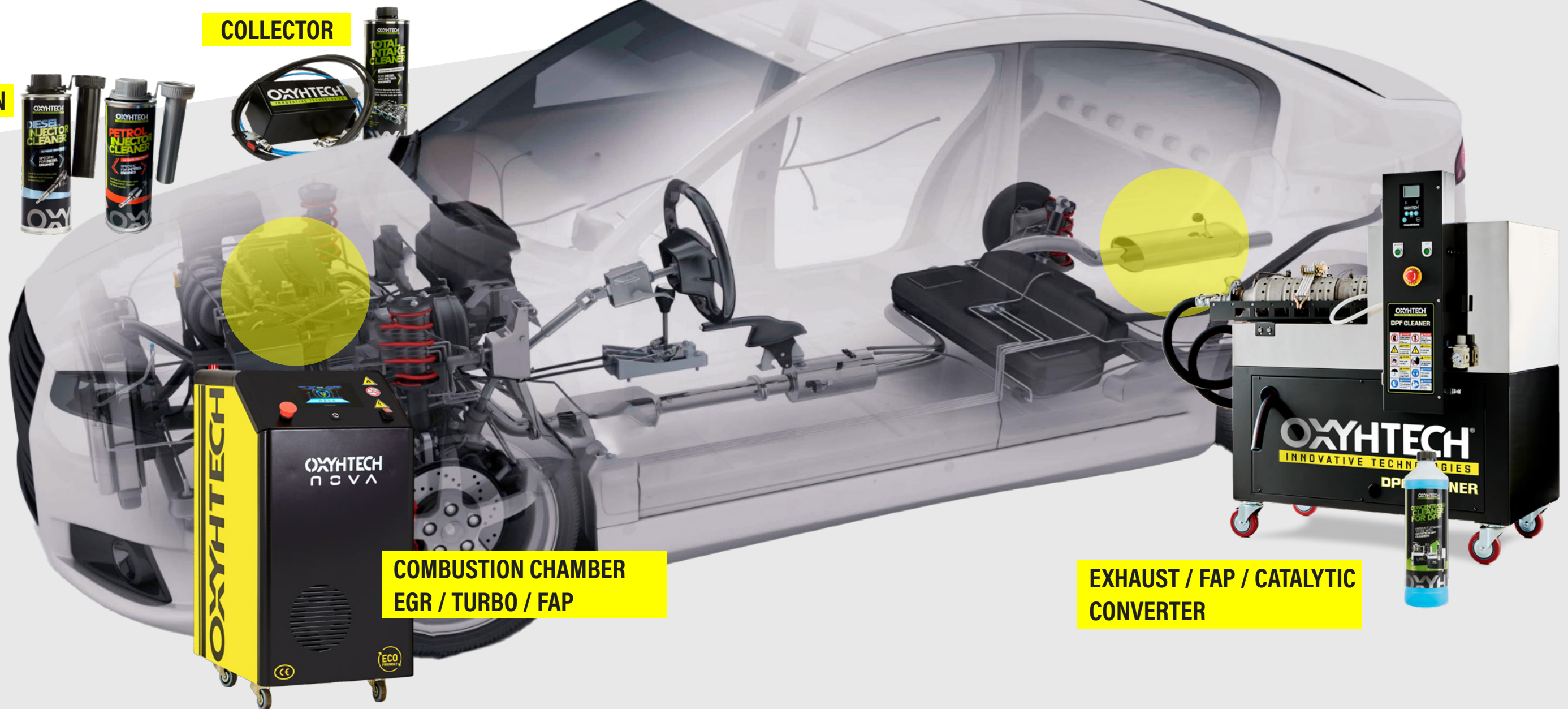


INJECTION

COLLECTOR

**COMBUSTION CHAMBER
EGR / TURBO / FAP**

**EXHAUST / FAP / CATALYTIC
CONVERTER**



Particulate filter
DPF CLEANER

Input voltage: 110-240V 50/60Hz, single-phase

Internal air tank: 20 L

Weight: 100 kg

Dimensions: 1,000 x 500 x 1,200 (mm)



Particulate filter
DPF CLEANER PLUS

Input voltage: 110-240V 50 / 60Hz, single phase

Inner air tank: 40 L

Weight: 140 kg

Dimensions: 1,000 x 500 x 1,200 (mm)



Motor decarbonizers
ULTRA 4.0

Voltage: 220V/230V - CETAC plug 220v 32 A

Maximum consumption: 5 kW

Gas production: 4,600 l/hour

Weight: 141 kg

Dimensions: 935 x 650 x 475 (mm)

Diesel: up to 30,000 cc

Gasoline/LPG/Methane: up to 60,000 cc



Motor decarbonizers
NOVA 4.0

Voltage: 220V/110V - Shuko plug 16 A

Maximum consumption: 2.8 kW

Gas production: 1,500 l/hour

Weight: 68 kg

Dimensions: 770 x 450 x 370 (mm)

Diesel: up to 3,500 cc

Gasoline/LPG/Methane: up to 6,000 cc



DO YOU STILL NOT BELIEVE IN DECARBONIZATION?

Do you still doubt its effectiveness?

ENTER HERE AND WE WILL SOLVE ALL YOUR DOUBTS



**MORE
THAN 6,000
CENTERS
AUTHORIZED**

JOIN OUR NETWORK

OXYHTECH®
INNOVATIVE TECHNOLOGIES



CONTACT US

info@oxyhtech.com

+34 948 59 74 49

www.oxyhtech.com



Pol. Ind. Noáin - Esquiroz. Calle J, Nave 2 | 31191 Esquíroz / Navarre. Spain