

DPF REVIVAL

CTW 1500

Professional machine for cleaning particulate filters

TEST - CLEANING - DRYING - CHECKING



Double Test
mbar + LPM



Double filtering
50 - 20 μ m



Flow control
adjustable



Air control
adjustable

**Superior performance,
total control and professional
results.**

Designed for workshops that demand maximum efficiency, precision and reliability with every clean



dpf-revival.com



Reliability, control and speed, ready to produce

The **CTW 1500** is designed for garages and fleet operators who require control, speed and precision when cleaning particulate filters and catalytic converters.

It combines diagnostics, cleaning, drying and inspection in a single professional system.



Dual diagnosis

Back pressure (mbar) and air flow rate (LPM), before and after.



Total control

Adjustment of water flow and air pressure to suit each cleaning job.



Large capacity

Suitable for passenger cars, commercial vehicles, lorries, buses and machinery.



Professional filtration

Double progressive filtration 50-25 μm + disc-type oil separator



PROCESO DE LIMPIEZA COMPLETO



1. Initial test

mBar + LPM



2. Cleaning

Water + air



3. Drying

Hot air



4. Final check

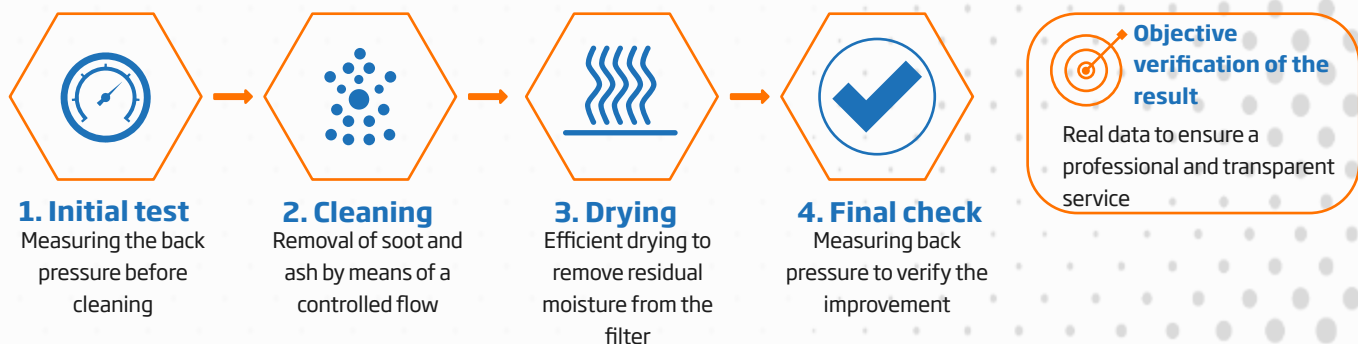
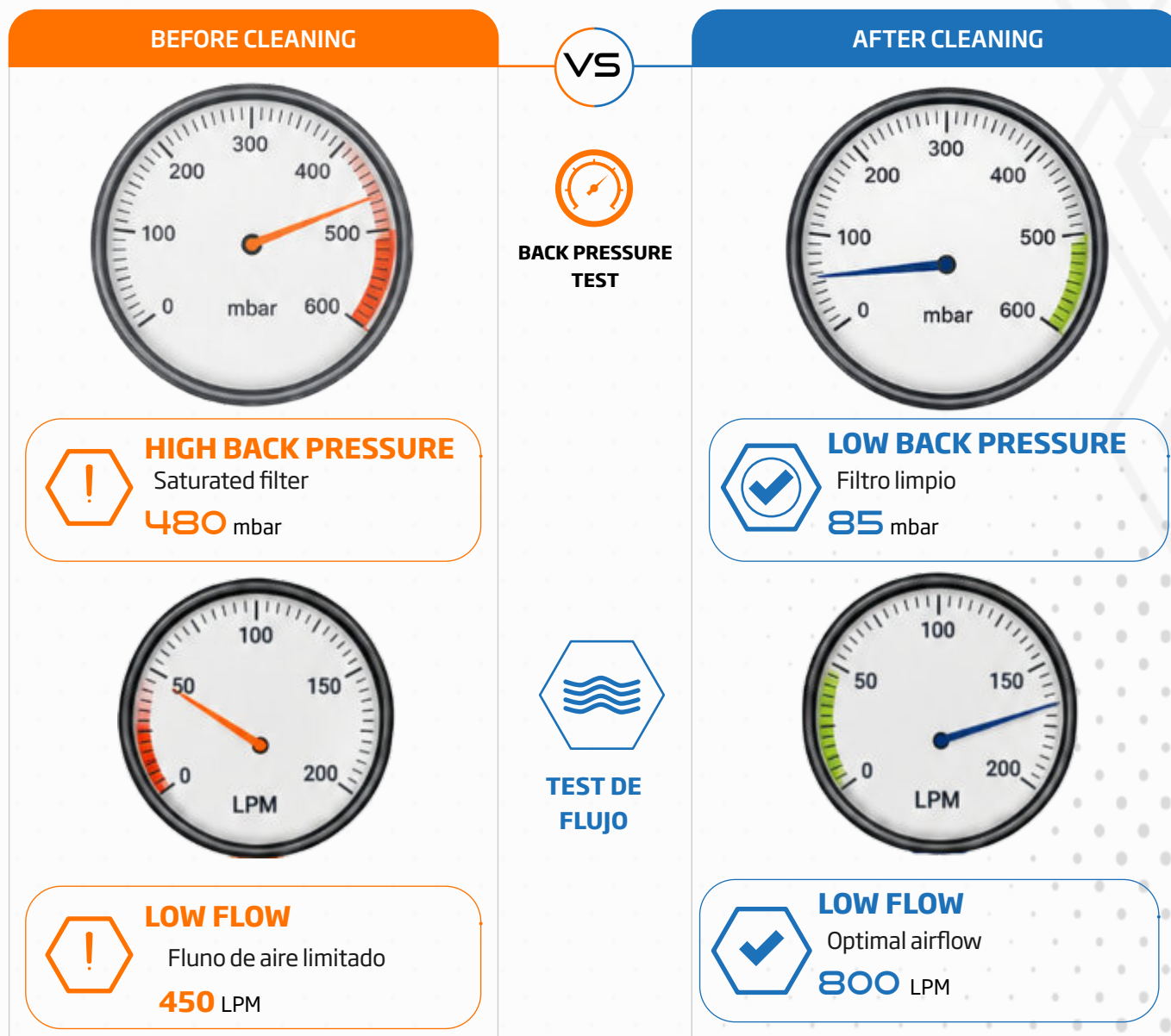
mBar + LPM

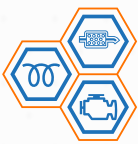




Diagnosis and verification using a back-pressure test

The **CTW 1500** enables you to objectively measure the condition of the filter before and after each service, by monitoring **back pressure** and **air flow**. Accurate results ensure the process is effective and give your customer peace of mind.





Deep cleaning using hot water and pressurised air

The **CTW 1500** thoroughly cleans the particulate filter or catalytic converter by combining hot water, pressurised air and a configurable programme tailored to the level of saturation.

DOUBLE FILTERED

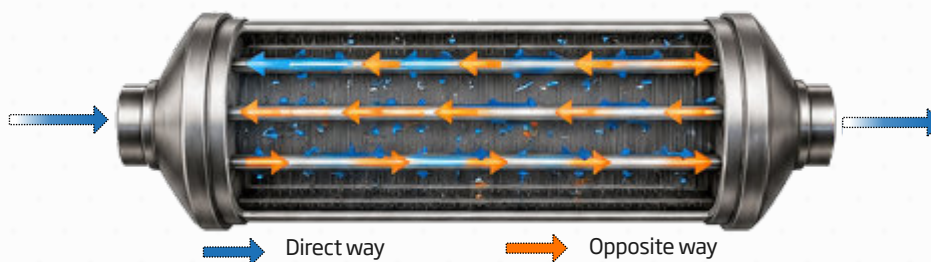


Dual
filtration system:
50-25 µm

CLEANING FLOW IN BOTH DIRECTIONS

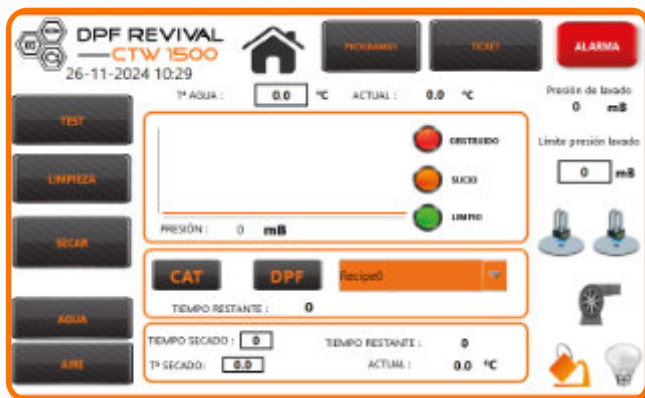
INLET

Hot water +
detergent +
compressed air



OUTLET

Waste and
extracted
particles



7" touchscreen

Full control, customisation of
programmes and reports.



Control of the cleaning process

Automatic
management and
real-time monitoring.



Flow control

Precise control of the
water flow for
optimum cleaning.



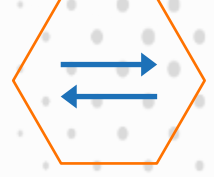
Air pressure control

Precise pressure
adjustment to maximise
efficiency without
damaging the filter.



Washed with hot water

The optimum
temperature dissolves
dirt and improves the
result.



It works in both directions of the filter

The alternating flow
ensures thorough and
even cleaning.



OPERATING PROCEDURE Adjust the process to suit the condition of the filter and the type of work



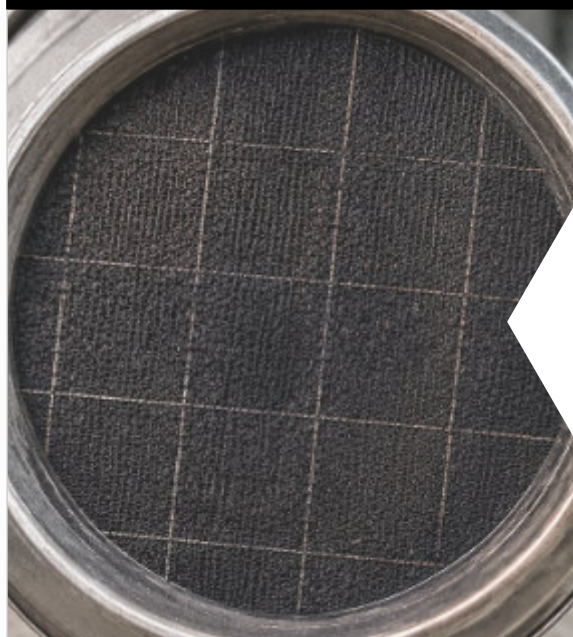


From a saturated filter to a restored filter

A visual presentation helps to explain the value of the service.

Professional cleaning with the **CTW 1500** removes soot, ash, oil and accumulated residue, restoring gas flow and the filter's original functionality

BEFORE CLEANING



- High build-up of ash and soot
- Restricted gas flow
- Reduced engine performance
- Increased fuel consumption and frequent regenerations

AFTER CLEANING



- Soot and ash removed
- Optimised gas flow
- Improved engine performance
- Lower fuel consumption and reduced emissions



Less restriction

Optimised gas flow for improved performance.



Improved circulation

Uniform distribution of gases and reduction in back pressure.



Built-in drying function

Removes residual moisture for effective results.



Final check

Checking the flow rate and the recovery level achieved.



The degree of recovery depends on the actual condition of the filter and the number of cycles it has undergone.





Built-in drying at high temperature

After cleaning, the **CTW 1500** quickly removes residual moisture from the ceramic using controlled hot air.

This safe and efficient drying process leaves the filter ready for final testing and reinstallation.



Reduces residual moisture



Prepare the filter for the final test



The entire process on a single machine



Fast and controlled drying



Ready to reinstall

Drying at a high temperature is key to preventing moisture-related problems following the installation of the filter

INTEGRATED PROCESS



Cleaning

Removes soot and ash.



Drained

Liquid waste is disposed of.



Drying

Hot air at up to 150 °C removes residual moisture.



Final check

Checking air flow and pressure





Technical data and amortization

The **CTW 1500** combines high productivity, proven results and solid profitability for workshops and fleets looking to grow with confidence.

1. AN INVESTMENT DESIGNED TO HELP YOU GET BACK ON YOUR FEET THROUGH WORK



Large capacity

Designed for heavy-duty use in workshops



Low operating costs

Optimised consumption for maximum efficiency



Premium service

Measurable results and full traceability



Estimated ROI

10-14 MONTHS

2. TECHNICAL SPECIFICATIONS

Washing capacity	1090 x 840 x 1040 mm
Load capacity	250 Kg
Tank capacity	200 litres
Power supply	400V - 3Ph + N + PE - 50 Hz
Total consumption	25 Kw
Air consumption	100 litres - 6 bar
Drying system	Included
Touchscreen	7"
Peso	400 Kg
Material	AISI 304 Stainless Steel

4. Optional



ADPCOVER

3. STANDARD EQUIPMENT



1x Ø51



1x Ø63



1x Ø70



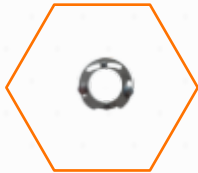
1x ADP-MULTIP



1x ADP-MULTIG



1x ADP-EUR6



1x ADP-GUI



1x ADP-RC



1x ADP-CR



