

DPF REVIVAL

CTW 2000

Premium machine for cleaning particulate filters

TEST - CLEANING - DRYING - CHECKING



Double Test
mbar + LPM



Triple filtration
50 - 20 - 5 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



Maximum capacity, control and ready to produce

The **CTW 2000** is PDF REVIVAL's flagship model for specialist workshops, refurbishment centres and fleets requiring maximum capacity, speed and precision.

It combines diagnosis, cleaning, drying and checking in a single professional system.



Dual diagnosis

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



Total control

Adjustment of the water flow rate and air pressure to suit each cleaning session.



High capacity

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



Premium filtration

Triple progressive filtration 50 - 25 - 5 µm + disc oil separator

10" touchscreen for intuitive control

Pneumatic filter mounting



Manual high-pressure washing pump

Triple-filtration external system

COMPLETE CLEANING PROCESS



1. Initial test

mBar + LPM



2. Cleaning

Water + air



3. Drying

Hot air



4. Final check

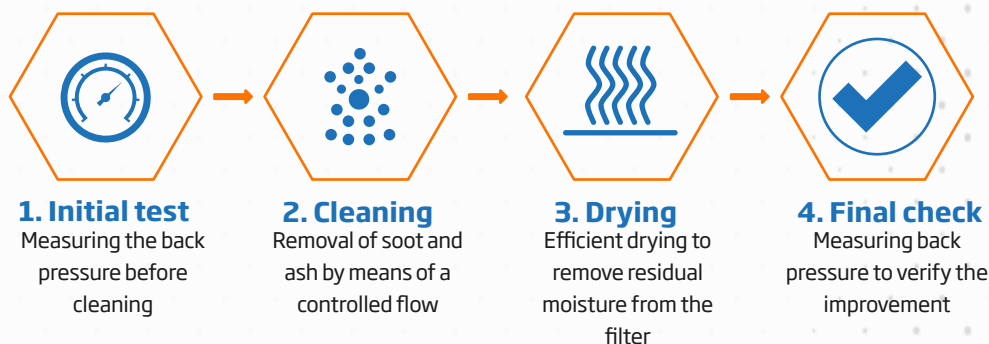
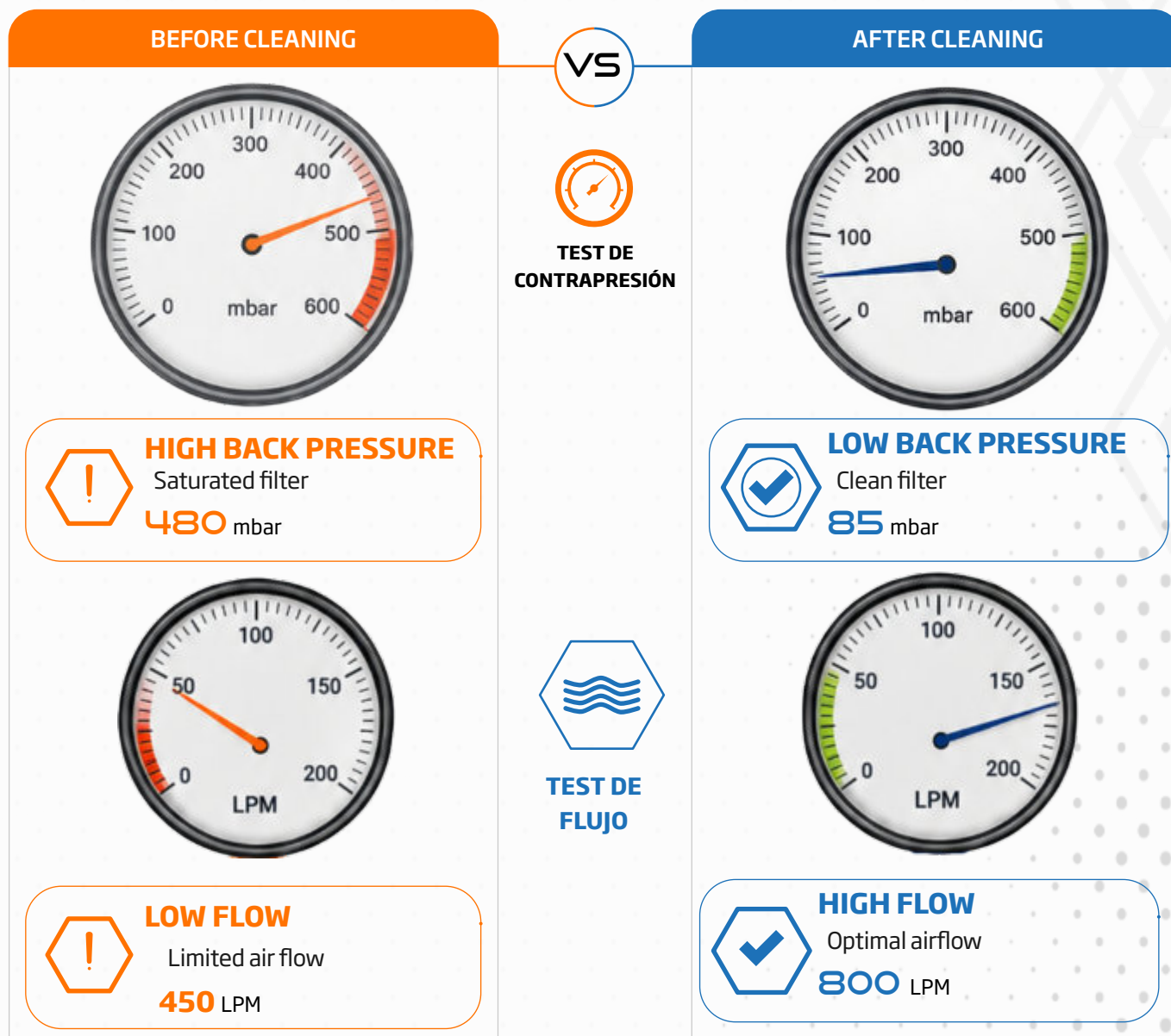
mBar + LPM





Diagnosis and verification using a back-pressure test

The **CTW 2000** enables the condition of the filter to be objectively measured 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.



Objective verification of the result

Real data to ensure a professional and transparent service





Deep cleaning using hot water and compressed air

The **CTW 2000** thoroughly cleans the particulate filter or catalytic converter by combining hot water, pressurised air and a configurable programme tailored to the level of saturation.

TRIPLE FILTERED

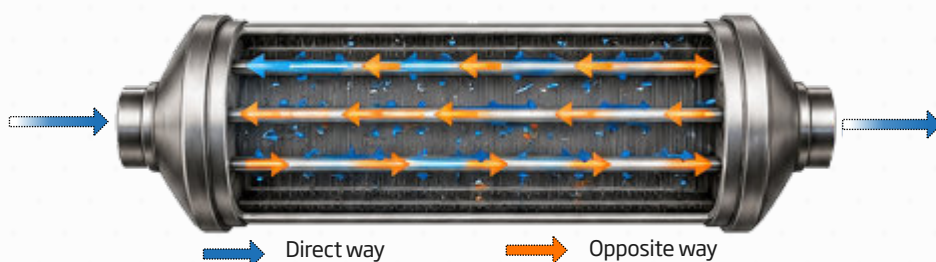


Sistema de triple
filtrado:
50-25-5 µm

CLEANING FLOW IN BOTH DIRECTIONS

INLET

Hot water +
detergent +
compressed air



OUTLET

Waste and
extracted
particles



Large-capacity washing chamber
Full coverage for thorough and
effective cleaning.



Control of the cleaning process

Automatic
management and
real-time monitoring.



Flow control

Precise control of the
water flow for
optimum cleaning.



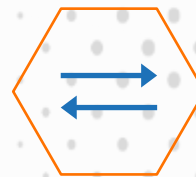
Air pressure control

Precise pressure
adjustment to maximise
efficiency without
damaging the filter.



Washed with hot water

The optimum
temperature dissolves
dirt and improves the
result.



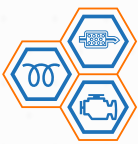
It works in both directions of the filter

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 2000** 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 exhaust 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 level of recovery 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 2000** quickly removes residual moisture from the ceramic using controlled hot air.

Safe and efficient drying that 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 temperatures of up to 150 °C removes residual moisture.



Test final

Checking air flow and pressure





Technical data and amortization

The **CTW 2000** 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



High capacity

Designed for heavy-duty work and intensive use



Low operating costs

Optimised consumption for maximum efficiency



Premium service

Measurable results and full traceability



Estimated ROI

12-18 MONTHS

2. TECHNICAL DATA

Washing capacity	1820 x 840 x 1040 mm
Load capacity	300 Kg
Tank capacity	400 litres
Power supply	400V - 3Ph + N + PE - 50 Hz
Total consumption	31 Kw
Air consumption	100 litres - 6 bar
Drying system	Included
Touchscreen	10"
Peso	750 Kg
Material	AISI 304 Stainless Steel

4. Optional



ADPCOVER

3. STANDARD EQUIPMENT



1x ADP-SIL51



1x ADP-SIL63



1x ADP-SIL70



1x ADP-MULTIP



1x ADP-MULTIG



1x ADP-GUI



1x ADP-RC



1x ADP-CR





CTW 2000

High-capacity solution for the professional cleaning of particulate filters and catalytic converters

Test - Cleaning - Drying - Checking



Technology designed for garages that are looking for a professional, visually appealing and cost-effective service

Scan to view the full details

