



## **DPF CLEANING RANGE**

**"BEST IN CLASS CARBON CLEANING SOLUTIONS IN THE WORLD"**



**AUTOMOTIVE ENVIRONMENTAL TECHNOLOGY**  
**WWW.CARBON-CLEAN.CO.UK**



## About Us

Carbon Clean began with a simple ethos of utilizing the best applications of new and existing technology to provide innovative engine cleaning solutions to the garage market.

Employing an in-depth and wide ranging research methodology to find the best in class machines that will prove both labour saving and profitable for our customers. Our passion is to maintain an ecological focus on the environmental impact of the systems and agents our machines employ.

Our state of the art machines are designed for easy use by a workshop and are made with high quality components.

## DPF Blockage and Regeneration

Usually around every 300 miles or so the DPF will regenerate by super-heating the filter to burn off the contaminated particles that collect there as soot and ash. Most of the soot is then expelled through the exhaust as finer particles of harmless ash. However, it has been found that the regeneration process leaves residual ash behind in the filter. Each time a regeneration occurs more particles will build up in the filter.

Over time carbon will block the DPF and cause several issues with your engine. The Carbon-Clean DPF ProClean Treatment, when used alongside our DCS machines, is a fast and cost effective way to completely clean and protect any DPF. Our range of machines offer fast, simple and effective cleaning of the DPF filter from within a workshop.

DPF Blockage



DPF After DCS Machine Clean



## Pro Clean and Protect

### DPF Power Cleaner (PRE SOAK SOLUTION)

Before the DPF is unblocked by our specialist machine, use our Stage 1 cleaning solution. This uniquely formulated solution is added to safely lift impurities from the Diesel Particulate Filter (DPF). This powerful pre-service treatment is very effective and leads to a deep clean in conjunction with one of our state-of-the-art machines. (DCS-16 / 17)

Unlike other cleaning products, the Power Cleaner uses nano-catalytic technology to loosen up the soot, ash and other impurities within just 20 to 30 minutes. These impurities react with the solution as it's soaked inside the DPF breaking down the atomic bonds that make them solid particulates which are usually difficult to break down.

Quite simply it softens the hard Carbon deposits, and thus ensures a deeper clean of the DPF.



### DPF Power Protect

Featuring the latest nano catalyst technology to keep your DPF Cleaner for longer. A premium fluid designed to be applied after a DPF Clean to slow down the build-up of carbon impurities.

This is achieved by causing the soot to combust at lower exhaust temperatures and therefore slowing the build-up of carbon deposits. This solution also provides a nano-catalytic layer to the filter core element adding sustainability to the DPF after it has been installed back onto the vehicle.

The stage 2 solution is poured into a newly unblocked DPF. The solution coats the inside of the DPF and slows down the build-up of Carbon.



## Benefits of our DPF cleaning machines

- Easily handle a wide range of DPFs
- Turnover DPF cleans in your workshop in 2 hours or less
- Offer DPF cleans to the public or other workshops/garages
- Bigger profit potential





## Product Features



## Product Description

Designed to easily accommodate most domestic car DPFs, to perform a complete filter regeneration. Following the initial stage of the ProClean treatment, the DPF is connected to the universal adapter and a high pressure mix of air and water is put through the filter. Like most of our machines, the residue of soot and ash is conveniently extracted from the machine for easy disposal. The DCS-16 has several other helpful features like the automatic function, limiting your engineers time, making the process very efficient.

## Product Specification

Description	DPF Cleaning System
Model No.	DCS-16
Driving System	Air: 2-6 Bar
Cleaning Agent	Cleaning Solution/Water/Air
Operation	Manual & Automatic Modes
Display Mode	Analogue
Air Receiver Tank	15L
Dimensions	400(W) x 900(L) x 1120(H)(MM)
Nett Weight	60kg
Power Supply	220V / 13A / 1PH
Vehicle Types	



## DCS-16 Pressurized Cleaning System

The adjacent image is a diagram of the DCS-16's cleaning system. High pressure air, water and the power cleaner is flushed through the DPF, expelling ash and soot.

This process does not damage the DPF but still performs a deep clean within the system.

Watch video demonstrations on our website or our Youtube channel

## DPF STRAPPED TO THE DCS-16 WORK BENCH





## DCS-16 PRO Pressurized Cleaning System

The adjacent image is a diagram of the DCS-16PRO cleaning system. High pressure air, water and the power cleaner is flushed through the DPF, expelling ash and soot.

This process does not damage the DPF but still performs a deep clean within the system.

▶ Watch video demonstrations on our website or our Youtube channel

### DPF STRAPPED TO THE DCS-16P WORK BENCH



## Product Features



## Product Description

Accommodate's car & LCV DPFs, to perform a complete filter regeneration. Firstly pre soak with the ProClean stage 1, the DPF is connected to the DCS-16PRO and a high pressure mix of air and water is forced through the filter. The residue of soot and ash is conveniently extracted from the machine for easy disposal. On the new DCS-16PRO we can now use the new blower motor to generate a before and after pressure reading which can also be printed with the built in printer. The blower motor is also used with the heater for heated drying of the DPF. Add stage 2 ProClean to the DPF before refitting to the vehicle.

## Product Specification

Description	DPF Cleaner
Model No.	DCS-16P
Driving System	Air 2:6 Bar
Cleaning Agent	Cleaning Solution / Water / Air
Operation	Manual / Auto
Display Mode	Analogue / Digital
Air Receiver Tank	15L
Dimensions	400(W )x900(L)x1120(H)(MM)
Net Weight	124kg
Power Supply	220V / 32A / 1PH
Vehicle Types	





Introducing our most popular DPF cleaning machine. A powerful and versatile system which removes carbon build-up from most types of vehicles due to its unique design and many vehicle accessories that are included.



## DCS-17 Pressurized Cleaning System

The adjacent image is a diagram of the DCS-17's cleaning system. High pressure air, water and the power cleaner is flushed through the DPF, expelling ash and soot.

This process does not damage the DPF but still performs a deep clean within the system.

Watch video demonstrations on our website or our Youtube channel

### DPF STRAPPED TO THE DCS-17 WORK BENCH



## Product Features



## Product Description

The DCS-17 is an entry-level commercial DPF Cleaning unit suitable for workshops that are looking to clean all car, LCV & some HGV DPFs. With a range of accessories and adapters to tackle most DPFs in the diesel vehicle car park. This unit will help you get up and running to offer premium DPF cleaning services with a fraction of the cost of replacing the DPF entirely. With additional features such as differential pressure displays and blower to assist with drying, the DPF cleaning process couldn't be easier.

## Product Specification

Description	DPF Cleaning System
Model No.	DCS-17
Driving System	Air: 2-6 Bar
Cleaning Agent	Cleaning Solution/Water/Air
Operation	Manual & Automatic Modes
Display Mode	Analogue/Digital
Air Receiver Tank	30L
Dimensions	700(W) x 1250(L) x 1250(H)(MM)
Nett Weight	160kg
Power Supply	220V / 16A / 1PH
Vehicle Types	





## DCS-17P Pressurized Cleaning System

The adjacent image is a diagram of the DCS-17PRO cleaning system. High pressure air, water and the power cleaner is flushed through the DPF, expelling ash and soot.

This process does not damage the DPF but still performs a deep clean within the system.

▶ Watch video demonstrations on our website or our Youtube channel

### DPF STRAPPED TO THE DCS-17P WORK BENCH



## Product Features



### Product Description

The DCS-17PRO is a commercial DPF Cleaning unit suitable for workshops looking to clean car, LCV & some HGV DPFs. With a range of accessories to tackle most DPFs. This unit will give you the opportunity to offer premium DPF cleaning services. The DCS-17PRO can now use the blower motor to generate a before and after pressure reading which can also be printed with the built in printer. The blower motor is also used with the heater for heated drying of the DPF.

### Product Specification

Description	DPF Cleaner
Model No.	DCS-17P
Driving System	Air 2:6 Bar
Cleaning Agent	Cleaning Solution / Water / Air
Operation	Manual / Auto
Display Mode	Analogue / Digital
Air Receiver Tank	30L
Dimensions	700(W) x 1250(L) x 1250(H)(MM)
Net Weight	183.5kg
Power Supply	220V / 32A / 1PH
Vehicle Types	



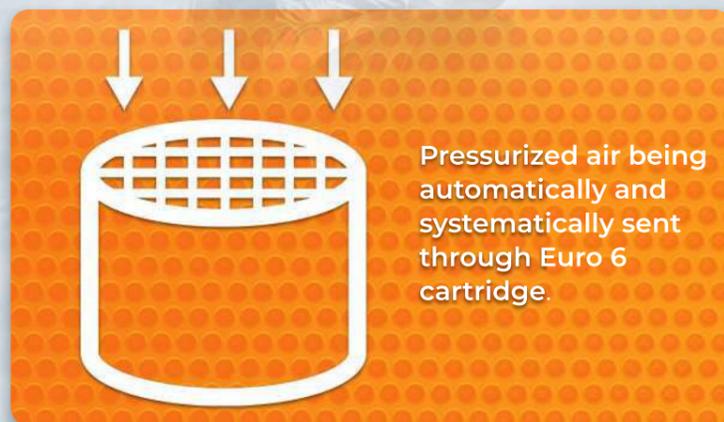


**NEW**



## DCS-18 Pressurized Cleaning System

The adjacent image is a diagram of the DCS-18's cleaning system. High pressure air is forced through the DPF, expelling ash and soot.



## Product Features



## Product Description

This is our DPF cleaning machine to specifically offer pneumatic cleaning for Euro 6 DPFs. This new feature only uses air from a high pressure nozzle that is applied to each element of the DPF allowing a detailed clean. This means there is no additional liquid costs and the enclosed cabinet design creates a convenient servicing process. With new and improved features such as a water filtration system which captures the soot & ash expelled by the high pressure air, automatic rotating feature that allows for the DPF to be cleaned in both directions, and new touchscreen control allows you to operate the machine from your fingertips.

## Product Specification

Description	Commercial DPF Cleaning System
Model No.	DCS-18
Driving System	Air: 2-10 Bar
Cleaning Agent	Air Pressure
Operation	Manual & Automatic Modes
Display Mode	Digital Touchscreen
Air Receiver Tank	Direct to Air Compressor
Dimensions	1590(W) x 1345(L) x 1795(H)(MM)
Nett Weight	585kg
Power Supply	220V / 16A / 1PH
Vehicle Types	EURO 6



Watch video demonstrations on our website or our Youtube channel

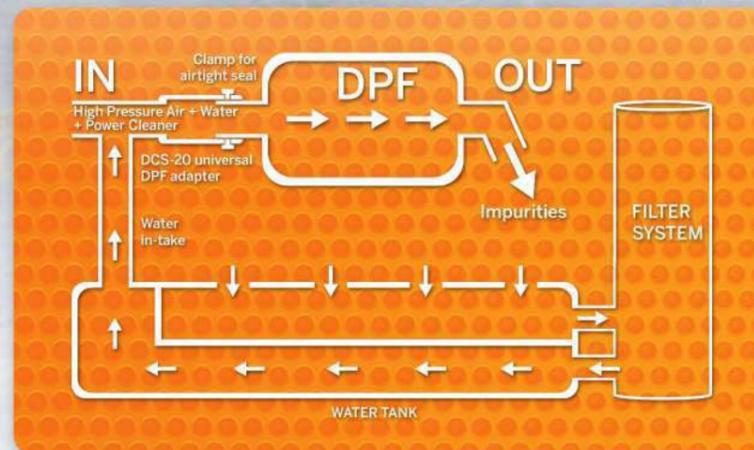


## DCS-20 Pressurized Cleaning System

The adjacent image is a diagram of the DCS-20's cleaning system. High pressure air, water and the power cleaner is flushed through the DPF, expelling ash and soot.

The impurities are then filtered out and the water flows into the water tank to continue the cleaning cycle.

▶ Watch video demonstrations on our website or our Youtube channel



## Product Features



## Product Description

Our top of the range machine, which is able to clean all types of DPFs, SCR's & DOCs. Equipped with a heater, differential pressure sensor, DPF assist, printer and a stainless steel powder coated body for extra protection, you can efficiently handle many services back to back. This flagship model also has several other beneficial features for the premium workshop / garage.

## Product Specification

Description	Commercial DPF Cleaner
Model No.	DCS-20
Driving System	Air: 2-10 Bar
Cleaning Agent	Cleaning Solution/Water/Air
Operation	Manual & Automatic Modes
Display Mode	Analogue/Digital
Air Receiver Tank	60L
Dimensions	1020(W) x 2050(L) x 2050(H)(MM)
Internal Cabinet	950(W) x 1390(L) x 1125(H)(MM)
Nett Weight	580kg
Power Supply	220V / 32A / 1PH
Vehicle Types	





**NEW**

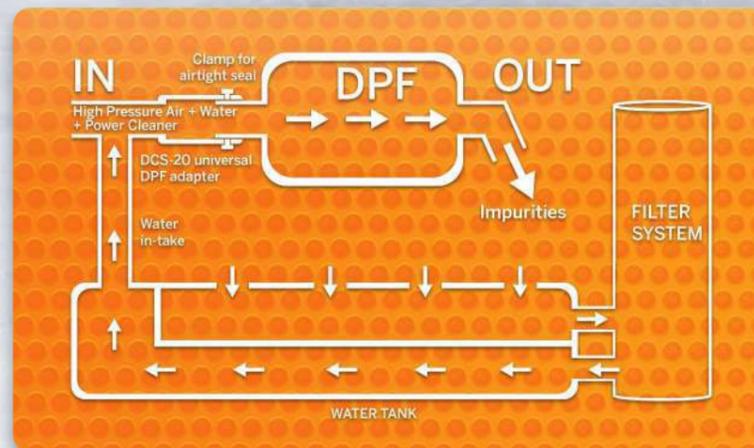
**AQUA-DRI-PRO**



### DCS-25 Cleaning & Drying System

The adjacent image is a diagram of the DCS-25's cleaning system. High pressure air, water and the power cleaner is flushed through the DPF, expelling ash and soot.

The impurities are then filtered out and the water flows into the water tank to continue the cleaning cycle.



▶ Watch video demonstrations on our website or our Youtube channel

## Product Features

<p><b>Air Supply Tank</b></p>	<p><b>Steth Technology</b></p>	<p><b>Cleans &amp; Dries At The Same Time</b></p>	<p><b>Heated Drying at 100°C</b></p>	<p><b>Auxiliary Parts</b></p>
<p><b>DOC Cleaning</b></p>	<p><b>Waste Water Filter</b></p>	<p><b>Control Panel</b></p>	<p><b>Printer</b></p>	<p><b>Power</b></p>

### Product Description

Our top of the range machine, which allows you to clean one DPF and dry another DPF at the same time! Suitable for cleaning and drying all types of DPFs, SCRs & DOCs. Equipped with a heater, differential pressure sensor, printer and a stainless steel powder coated body for extra protection, you can efficiently handle many services back to back. This flagship model also has several other beneficial features for the premium workshop / garage.

### Product Specification

<b>Description</b>	<b>Commercial DPF Cleaner</b>
<b>Model No.</b>	<b>DCS-25</b>
<b>Driving System</b>	<b>Air: 2-10 Bar</b>
<b>Cleaning Agent</b>	<b>Cleaning Solution/Water/Air</b>
<b>Operation</b>	<b>Manual &amp; Automatic Modes</b>
<b>Display Mode</b>	<b>Analogue/Digital</b>
<b>Air Receiver Tank</b>	<b>60L</b>
<b>Dimensions</b>	<b>1020(W) x 2080(L) x 1990(H)(MM)</b>
<b>Internal Cabinet</b>	<b>950(W) x 1390(L) x 1125(H)(MM)</b>
<b>Nett Weight</b>	<b>750kg</b>
<b>Power Supply</b>	<b>220V / 32A / 1PH</b>
<b>Vehicle Types</b>	



## DPF Dryer DCS-17 Upgrade

(Non pro verison only)



### D1 DPF DRYER

DPF Dryer for the DCS-17, this unit connects inline and generates heat for drying. Then use the internal blower motor of the DCS-17 to blow heated air through the DPF.

Increases efficiency, drying the DPF's much faster. The DPF can be fitted back on the vehicle with less down time.

#### Product Specification

Description	DPF Dryer
Model No.	D1
Operation	Manual
Display Mode	Digital
Net Weight	8.5kg
Power Supply	220V / 13A / 1PH



## DPF Dryer to be used alongside DCS-17/20



### D2 DPF DRYER

Stand alone DPF Dryer unit. Creates heat for drying and uses it's own blower motor to blow the heated air through the DPF. This unit is specifically designed for EURO 6 style cartridge filters.

Increases efficiency, giving the option to dry seperately from your DCS-17/20 while continuing to wash other filters.

#### Product Specification

Description	DPF Dryer
Model No.	D2
Operation	Manual
Display Mode	Digital
Net Weight	61kg
Power Supply	220V / 16A / 1PH



## DPF Dryer DCS-17 Pro/ DCS-20 Upgrade

For Truck Euro 6 and Class 8  
EPA certificate level to the  
equivalent of Euro 4, 5 and 6  
(USA) Cartridge Filters



### D3 DPF DRYER

Stand alone DPF Dryer for Euro 6  
Truck, Cartridge Filters. Dries DPF  
's at 100°C. Comes equipped with  
an auto timer so you can set the  
time for the DPF drying which  
allows you to set & forget.  
Intelligently designed with a DPF  
lifting stand to raise the DPF to  
the correct height for the hot air  
outlet at the top of the machine.

#### Product Specification

Description	DPF Dryer
Model No.	D3
Operation	Manual
Display Mode	Digital
Net Weight	193kg
Power Supply	380v 3 phase or 220v 3 phase



## DPF Test Bench to be used alongside DCS-17 Pro/ DCS-20



### D4 DPF TEST BENCH

#### Product Specification

Description	DPF Test Bench
Model No.	D4
Operation	Manual
Display Mode	Digital
Net Weight	210kg
Power Supply	380 volt/32 amp/3 phase /50 or 60hz (UK & ROW)

DPF Test Bench to check the  
restricted air flow of various size  
cartridge style DPF's and DOC's.  
Main features include colour  
touch screen to select the desired  
function, Steth zonal technology  
to test the core of the DPF in  
different zones, heavy duty  
weighing scale to measure the  
weight of the DPF before and  
after cleaning, and printer to print  
the before and after clean results.



# Coming Soon!

**DPF Test Bench to be used alongside DCS-17 Pro/DCS-20**



**NEW**

### Product Specification

Description	DPF Test Bench
Model No.	D6
Operation	Manual
Display Mode	Digital
Power Supply	220v 1 phase 13 amp

### D6 DPF TEST BENCH

DPF Test Bench featuring innovative Steth zonal technology to test the core of the DPF in different zones, and heavy duty weighing scale to measure the weigh of the DPF before and after cleaning. Intelligently designed with a high intensity test light to check the core of the DPF to check for any damage/cracks. Comes equipped with a touch screen control panel, and printer to print the before and after clean results.

## DCS RANGE COMPARISON

	DCS-16	DCS-16P	DCS-17	DCS-17P
				
 INPUT POWER	220V / 13A / 1PH	220V / 32A / 1PH	220V / 32A / 1PH	220V / 32A / 1PH
 EXTERNAL DIMENSIONS (MM)	400 (W) x 900 (L) x 1120 (H)	400(W) x 900(L) x 1120(H)	700 (W) x 1250 (L) x 11250 (H)	700 (W) x 1250 (L) x 11250 (H)
 INTERNAL CABINET DIMENSIONS (MM)	N/A	N/A	N/A	N/A
 AIR PRESSURE	2-6 BAR	2-6 BAR	2-6 BAR	2-6 BAR
 CLEANING AGENT	AIR / WATER / POWER CLEANER	AIR / WATER / POWER CLEANER	AIR / WATER / POWER CLEANER	AIR / WATER / POWER CLEANER
 WEIGHT	60KG	124KG	160KG	183.5KG
 DISPLAY MODE	ANALOGUE	ANALOGUE/DIGITAL	ANALOGUE	ANALOGUE/DIGITAL
 BLOWER FOR DRYING	NO	ASSISTED	NO	YES
 D.P. READING DISPLAY	NO	YES	YES	YES
 D.P. PRINTER	NO	YES	NO	YES
 DOC DPF/SCR CLEANING	NO	YES	NO	YES
 WATER TANK CAPACITY	11L (WATER PUMP)	11L (WATER PUMP)	11L (WATER PUMP)	11L (WATER PUMP)
 PRESSURE TANK RECEIVER	15L	15L	15L	15L
 DPF TYPE	CONSUMER 	CONSUMER / LIGHT COMMERCIAL 	CONSUMER / LIGHT COMMERCIAL 	CONSUMER / LIGHT COMMERCIAL 

## DCS RANGE COMPARISON

	DCS-18	DCS-20	DCS-25
			
 INPUT POWER	220V / 16A / 1PH	220V / 32A / 1PH	220V / 13A / 1PH
 EXTERNAL DIMENSIONS (MM)	800 (W) x 1440 (L) x 1795 (H)	1020 (W) x 2050 (L) x 2050 (H)	1020 (W) x 2050 (L) x 1990 (H)
 INTERNAL CABINET DIMENSIONS (MM)	590 (W) x 700 (L) x 750 (H)	950 (W) x 1390 (L) x 1125 (H)	950 (W) x 1390 (L) x 1125 (H)
 AIR PRESSURE	2-10 BAR	2-10 BAR	2-10 BAR
 CLEANING AGENT	AIR	AIR / WATER / POWER CLEANER	AIR / WATER / POWER CLEANER
 WEIGHT	355KG	580KG	750KG
 DISPLAY MODE	ANALOGUE	ANALOGUE/DIGITAL	DIGITAL
 BLOWER FOR DRYING	NO	YES	YES
 D.P. READING DISPLAY	NO	YES	N/A
 D.P. PRINTER	NO	YES	N/A
 DOC DPF/SCR CLEANING	NO	YES	N/A
 WATER TANK CAPACITY	N/A	300L	N/A
 PRESSURE TANK RECEIVER	DIRECT TO AIR COMPRESSOR	60L	N/A
 DPF TYPE	EURO 6 ONLY 	ALL 	ALL 



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