



**Automotive Environmental Technology**  
"The Best-in-Class Carbon Cleaning solutions in the world"



**HIGH PRESSURE CLEANING SYSTEM**

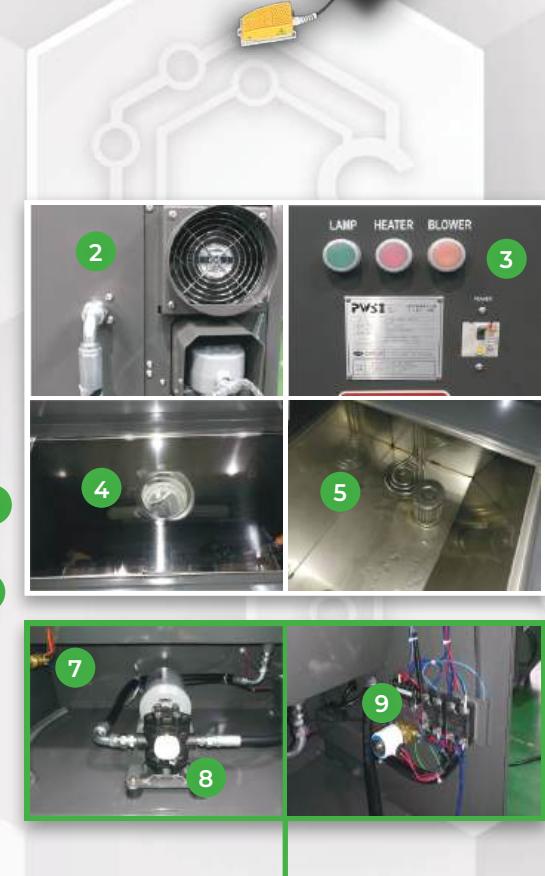
## PRODUCT SPECIFICATION

DESCRIPTION	HIGH PRESSURE PARTS CLEANING SYSTEM
MODEL NO.	HPCS-16
DRIVING SYSTEM	MOTOR DRIVING
CLEANING AGENT	DETERGENT / WATER / AIR
OPERATION METHOD	MANUAL OPERATION FOOT SWITCH
PRESSURE / TEMP	1450PSI / 40-60°C
TANK CAPACITY	70L
DIMENSIONS	1000(W) x 680(L) x 1250(H)MM
INTERNAL TANK DIMENSIONS	50(H) x 100(W)CM
NET WEIGHT	100KG
POWER SUPPLY	220V / 16A / 1PH

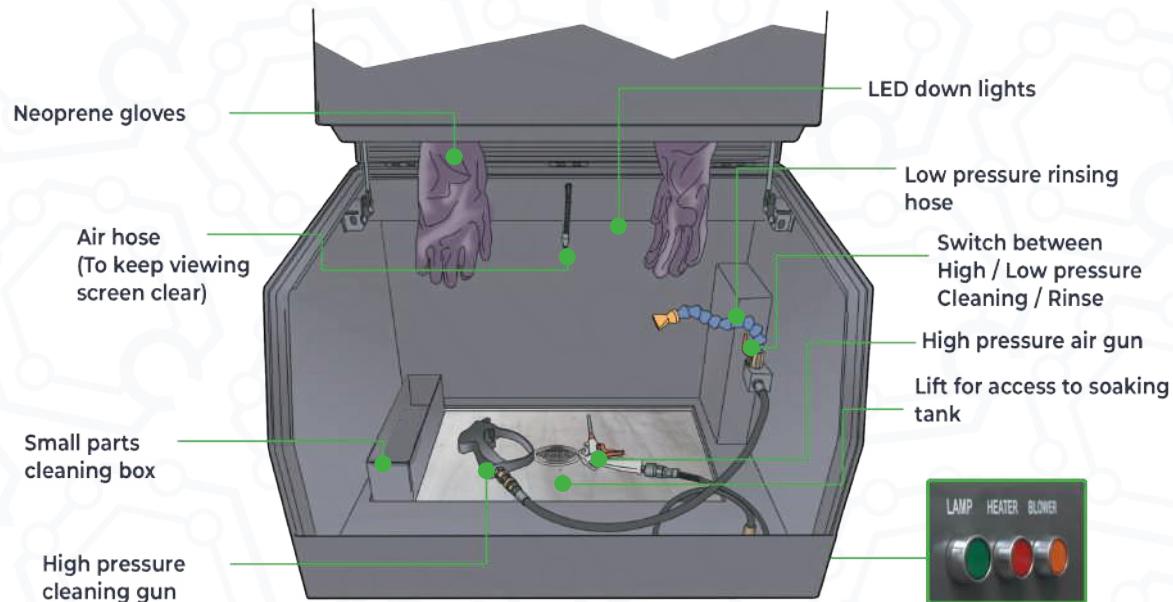


## FEATURES

1. Neoprene Gloves
2. Water heater & blower
3. Control System
4. Solution, recycle & filtration
5. 70L Solution reservoir & soaking tank
6. Start / Stop pedal switch
7. Main tank drain valve
8. High pressure pump & motor
9. Air solenoid valve



# MAIN WORK AREA FEATURES



## PRODUCT DESCRIPTION

The Carbon-Clean High Pressure Cleaning System (HPCS-16) is the very latest evolution in parts washing technology. With a fully self contained cleaning area with high pressure air gun and detergent nozzles, the HPCS-16 is a versatile, mess-free, powerful solution for removing grease, grime and carbon build up from all manner of engine parts. The washing table houses the 70L detergent reservoir just below it with easy access from above. This allows use of the reservoir to soak parts as and when required. The water and detergent mixture can be heated to set temperatures of 40 – 60 °C and deployed through either the low pressure fixed nozzle or the high pressure gun.

The solution is filtered and recycled through the system, keeping running costs as low as possible. When the mixture comes to the end of its useful life, it is easily drained through the waste valve in the base of the cabinet. With the whole cleaning area being self contained any spray is kept within the protection of the cover, not collecting as puddles on the workshop floor, reducing workshop hazards and the need for mopping up after parts cleaning.

With a powerful pump and a >4kw motor delivering 40-100BAR cleaning jets the HPCS-16 makes short work of any parts cleaning job. The simple valve operation makes it easy to switch between the lower pressure detergent hose and the high pressure detergent gun. Two separate high pressure air jets come from the air gun and upper mounted air hose. The air hose offers hands free operation with the ability to adjust the position and direction of the air jet so both hands can be used to manipulate the part during cleaning.

This also doubles as an air wiper for the screen on the protection cover to maintain clear visibility of the cleaning area during operation. Foot switch operation allows simple start/stop activation of the detergent flow with the lamp, heater and air being switch operated from the side of the unit, keeping all the controls easily accessible for the operator.

## ALL PRODUCTS COME WITH

1. Pedal Switch
2. Gloves
3. 20L of Cleaning Solution
4. Small Parts Cleaning Box
5. Waste Drainage Tube



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