INDUSTRIAL PARTS WASHER

HOW TO USE THE METCLEAN WASHPRO

Choosing the chemical, filling, heating, washing and looking after the METclean washPRO, step by step.

PUMP 150 BAR

TANK 150 L AT UP TO 90°C

LOAD UP TO 200 KG



START HERE

00 BEFORE YOU BEGIN

00 Before you begin
01 Choose your chemical
02 Fill the tank
03 Switch on and set the temperature
04 Heat, pump on and purge
05 Wiper and oil skimmer
06 Wash and dry the parts
07 Filter and water
08 Daily checks and support

SPECIFICATION

PUMP **150 bar**	MAX TANK TEMP **90°C**	TANK **150 L**	MAX LOAD **200 kg**
HEATER **5 kW**	SUPPLY **230V 32A**	AIR SUPPLY **5 bar**	BUILD **304 SS**

WHAT IT NEEDS

POWER
A 230V 32A commando socket protected by a 40A Type C breaker.

AIR
A 5 bar air supply for the air gun.

LEVEL GROUND
Stand the machine on a flat, level floor.

CHEMICAL
A dedicated spray wash detergent (see section 01).

PPE
Gloves, safety glasses, protective footwear and overalls.

TRAINING
Only trained operators should use the machine.

HOT WATER AT 150 BAR

Always close the door before using the foot pedal, and never open it while the pump is running. Spray and hot water can cause serious burns and injection injuries.

CONTROL BOX

Never open or work inside the electrical control box while the machine is on. Turn the main switch off and unplug it first. Only a qualified electrician should work inside the box.

BEFORE FILLING

01 CHOOSE YOUR CHEMICAL

The washPRO is a hot, high pressure spray washer. Standard detergents and degreasers foam heavily at 150 bar and hold oil in the water, so only use a **dedicated spray wash detergent**.

RECOMMENDED: ARROW SOLUTIONS AQUAKLENZ CP

Best for heavy carbon, diesel residue and grease. Made for high pressure spray wash cabinets, non foaming above 45°C, with a built in rust inhibitor. Supplied in 20 litre drums (part number C01320XAM, Arrow code C013) through Arrow Solutions and their UK distributors. One drum gives around three full tank fills at 4%.

USING AN ALTERNATIVE

IT MUST BE	WHY IT MATTERS ON THE WASHPRO
Thermal defoaming	Standard detergents foam instantly at 150 bar. Spray wash detergents stop foaming once heated above 45°C to 50°C.
Quick break / demulsifying	Lets grease float so the oil skimmer can remove it. Emulsifying cleaners lock oil into the water and ruin the bath quickly.
Aluminium safe	Highly caustic cleaners corrode and blacken aluminium parts. Choose a silicate inhibited or multi metal safe formula.
Flash rust inhibited	Stops steel and cast iron parts turning orange as they dry.

NEVER

Never use solvents, petrol, paraffin, thinners or flammable cleaners in the washPRO, and never mix two different chemicals in the tank. Read the chemical Safety Data Sheet before use.

150 LITRE TANK

02 FILL THE TANK

1. Turn the **MAIN SWITCH** off and check the tank discharge valve is closed.
2. Fill the tank with clean water to about two thirds full (around 100 litres).
3. Measure the chemical from the table below and pour it into the water. **Always add chemical to water, never water to chemical.**
4. Top up with clean water to the full level, 150 litres in total.
5. Close the door. The machine is ready to switch on and heat.



The washPRO ready to fill.

DILUTION FOR A 150 LITRE TANK

MIX	CHEMICAL	WATER	USE FOR
3% light	4.5 L	145.5 L	Light oil and general dirt
4% standard	6.0 L	144.0 L	General workshop use
5% heavy	7.5 L	142.5 L	Heavy carbon, diesel residue and grease

PRE HEAT BEFORE SPRAYING

Let the water reach 55°C to 65°C before using the foot pedal. Spray wash detergents need heat to stop foaming.

TOPPING UP

Water evaporates faster than chemical. Top up with fresh water only, and add concentrate only when cleaning power drops or after a full refill.

CONTROLS

03 SWITCH ON AND SET THE TEMPERATURE

1. Turn the **MAIN SWITCH** on. The controller shows the actual water temperature.
2. Press **SET**. The display shows the set temperature.
3. Use the up and down arrows to change it, then press **SET** again to save.
4. Recommended with Aquaklenz CP: **55°C to 65°C**. Maximum 90°C.

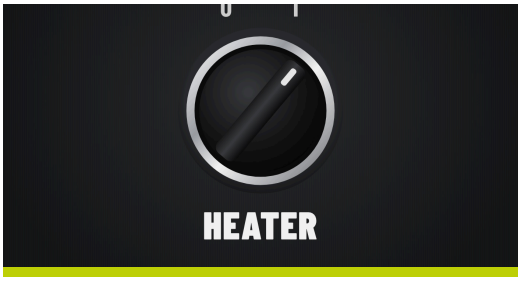


The temperature controller.

HEATING

04 HEAT, PUMP ON AND PURGE

1. Turn the **HEATER** on. Only do this with the tank full: a low level sensor switches the heater off to protect the elements.
2. From cold, a full tank takes **30 to 60 minutes** to heat up, so switch on at the start of the day.
3. Turn the **PUMP** switch on. The foot pedal will not run without it.
4. Close the door and press the **FOOT PEDAL** to purge air from the filters. Keep going until the spray runs steadily.





CONTROLS

05 WIPER AND OIL SKIMMER

SWITCH	WHAT IT DOES
Pump	Must be on to use the machine. Enables the foot pedal wash.
Wiper	Clears spray and steam from the viewing window. Switch off when not needed.
Oil skimmer	Scrapes floating oil and scum from the water surface, which greatly extends the life of the water.
Heater	Heats the tank to the set temperature.



Pump, wiper and oil skimmer switches.

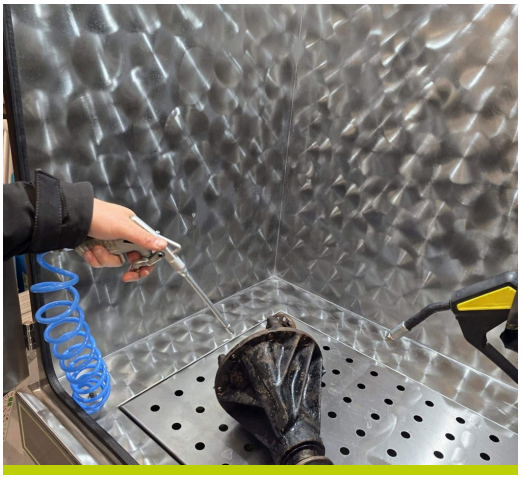
BEFORE USING THE SKIMMER

Place a container outside the machine under the skimmer outlet, or oil will run onto the floor. Empty it regularly and dispose of it as waste oil.

WASHING

06 WASH AND DRY THE PARTS

1. Check the water is up to temperature and the **PUMP** is on.
2. Load the parts so they are stable. Maximum load **200 kg**, use lifting equipment for heavy parts.
3. Close the door fully.
4. Press the **FOOT PEDAL** to run the high pressure wash. Release it to stop.
5. Wait for the spray to stop and the steam to settle, then open the door. Parts will be hot: wear gloves.
6. Blow off the remaining water with the air gun.
7. The cleaning lance can stay fixed in its holder, or be undone from the holder to make it mobile.



Drying a part with the air gun.

MAINTENANCE

07 FILTER AND WATER

CLEAN THE FILTER

Clean it regularly, and whenever the spray pressure drops.

1. Turn the **PUMP** and **HEATER** off, then the **MAIN SWITCH**.
2. Undo the filter housing with the filter tool and remove the filter.
3. Wash it out with clean water until all sludge is removed. Replace it if worn.
4. Refit and tighten with the filter tool, then purge with the **FOOT PEDAL**.



The filter housing.

CHANGE THE WASH WATER

When it stays dirty after skimming, or cleaning power drops even after adding concentrate.

1. Turn the heater off and let the water cool.
2. Open the discharge valve and drain into a suitable container.
3. Remove the sludge from the bottom of the tank and clean the filter.
4. Close the discharge valve and refill as in section 02.

Dispose of used wash water as trade effluent and waste oil through a licensed carrier, and check your local water authority guidelines.

EVERY DAY

08 DAILY CHECKS

Water at full, topped up with fresh water	Oil container in place and not full
Filter clean and housing tight	Door seal clean and undamaged
Cables, plug and hoses undamaged	Viewing window and wiper blade clean

NEED A HAND? TALK TO MET.

Phone
01934 644427, 9am to 6pm weekdays

WhatsApp
07376 075165, until 8pm weekdays, plus weekends

12 month warranty including an engineer to site where self help is not available. MET, Unit 45, Lynx Crescent, Weston-super-Mare, BS24 9DJ. MET declines all responsibility for injury or damage resulting from not following these instructions. Version November 2026.