

# Touchless car wash technology nothing special?

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In developed countries, **non-touch car wash technology** has been developed for a long time and is loved by many people. In Vietnam, non-touching car wash has just appeared but has quickly become popular thanks to its convenience. So does car-washing technology have anything special?

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## What is car-washing technology?

For Vietnamese people, the concept of washing car without touching is still quite strange. Touchless car wash technology is the technology of spraying a layer of chemicals on the entire surface of the body, the activated micro-foam particles will soften the dirt on the surface of the vehicle and the component penetrates the dirt film. The adhesion functions to neutralize the charge layer between the vehicle body and the dirt layer, making this layer of dirt loose. Under pressure of high pressure washer will pull the entire layer of dirt out of the body surface, returning shiny surface to the body without touching, without towels and cleaning brushes.



Touchless car wash technology is basically not too different from conventional car wash, the biggest difference is the type of solution used to wash the car. Instead of non-conventional car washes, non-touch car wash technology uses a specialized car wash chemical, which has special features to clean the dirt on the surface of the car.

For effective application of the method of washing car without touch, car wash centers must use high-pressure nozzles with a capacity of about 50kg / cm<sup>2</sup> or more, an emulsion foam generator and foam spray gun cover the whole surface set of vehicles. At the same time, the water spray technique is also different from the traditional foam car wash method: Car washers need to spray from the bottom to the top, the nozzle of the spray gun should be about 20 cm away from the body of the car and spray water slowly. overlap tightly.



Many people will wonder if washing car is not touching good? So let's see what the advantage of car-washing technology is nothing but make it a very popular method abroad in the next section.

## **Advantages of washing the car without touching**



1. When using this technology, all kinds of stains on the body, wheels, glass, mirrors . are beaten to 99%.

2. Save time and manpower by skipping the step of spraying soil discharge and no need to scrub to limit scratches.
3. Touchless car wash technology will not cause skin irritation, corrosion because the car wash is not in direct contact with chemicals, while saving pleasant fragrance.
4. Shorten car wash time, customers do not have to wait long while cleaning efficiency is not inferior to traditional methods. In particular, the car will be washed all nooks and crannies without scratching paint, glass and other details of the car.
5. Each can of car wash solution when diluted can wash from several hundred to thousands of cars, so it saves a lot of chemical costs. In particular, the manufacturers of car wash solutions are not evenly distributed interior cleaning solutions, car glass washes, car paint polishing solutions, . allow the car wash work becomes synchronized and more convenient.

## Is there no restriction on washing the car?



The car wash technology does not have many advantages, but this is still not a perfect technology and still has some limitations such as:

1. Non-touch car wash is a new technology, so the cost is usually higher than snow foam car wash. For washing cars that do not touch, the cost does not include cleaning the interior of the car. Also because of the high cost, washing the motorcycle without touching it is not very popular right now.
2. Whether the car wash is clean or not depends on the type of sprinkler used to wash the car. To achieve high efficiency in the process of applying technology, the car wash shop needs to be equipped with a car wash pump with a pressure of over 50kg / cm<sup>2</sup> (equivalent to 50 bar). Therefore, car wash shops that use belt washers will not be able to apply this new method of washing.
3. The solution does not touch only strongly reacts with dust, so in places where the car is covered with oil, in addition to spraying with high-pressure water sprayers, users also need to wipe it down to clean the car completely.
4. Touchless car wash technology is difficult to manage quality, many reputable car wash centers use solutions originating from China, have not been tested, so they are not as safe as European ones. There

have been cases where the car has broken the paint because the car washer sprayed with foam and did not touch and then sprayed with strong water leading to peeling, fading colors.

## Notes when washing the car does not touch



1. After spraying foam on the whole body of the car, it should take 1-2 minutes to enough time to soften the dirt layer before spraying water to clean.
2. In case the car is too dirty, wash through the water first, the car is too hot to discharge through water to cool, to avoid using too much or the solution dries quickly on the surface of the vehicle.
3. Store car wash solution in a cool dry place
4. If swallowed: Call a doctor immediately or go to the nearest medical center
5. If shot in the eyes: Wash eyes immediately for a few minutes.
6. Cleaning wheels and tires must use other chemicals because in this position stains stiffer stains.
7. Only choose a reputable car wash address to use the right high-quality chemicals, not damaging the car paint.

Hopefully the information in this article can help you somewhat access and understand more about this new technology. Touchless car wash technology is being evaluated as a good method of car hygiene at the moment that you should try.

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