



# Car Wash Water Recycler

Every time a car goes through a typical car wash facility, approximately 100 litres of water are used. EWTCOI aims to reduce environmental impact by recycling this high volume of water usage. In partnership with a SME, *Hock Cheong Automec Pte Ltd*, and supported by *Public Utilities Board (PUB)* and *National Environment Agency (NEA)*, our researchers have developed an innovative system to treat and reuse conventional car wash wastewater.

This recycling system can handle wastewater at varying load conditions and integrates ultrafiltration membrane-based technologies with other cutting-edge treatment technologies and has been tested at both the laboratory and pilot scale stages. Without compromising service standards for a car wash facility, the system is low cost, compact, robust, highly portable, modular and efficient and is aimed at helping car wash operators to reduce costs.

The IP for the car wash water recycler has been transferred to *Hock Cheong Automec Pte Ltd*.

EWTCOI can help you reduce your water usage and costs of wastewater disposal.

## Key Features & Benefits

- Effective and efficient car wash water treatment
- Convenience of onsite recycling of wastewater
- Compact design with high treated water quality
- Cost savings in water usage and waste disposal
- Environmentally sustainable

## Applications

- Conventional car wash sites and automatic car wash systems
- Industrial wastewater of similar characteristics

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From car wash wastewater to high quality treated water

