

KRE

ISO 9001-2008 Company

Manufacturers of Automatic Washing Machines for Cars and Buses

KRE QUICK WASH SYSTEM FOR CAR'S UNDER CHASSIS & ENGINES

- ◆ The KRE Engine Wash & KRE Under Chassis Wash M/c's are in modular form and can be supplied separately or as a system.
- ◆ Space required for installation 5 x 3 m (L x B).
- ◆ The KRE Under Chassis Wash is assembled on a channel frame and requires minimal civil works.
- ◆ 2-3 minutes for cleaning the underside and engines of cars.
- ◆ Can use recycled water, no fresh water required.



**Indian
Patent
Pending**

OPERATION OF SYSTEM

- Drive the vehicle over the Under Chassis Wash bay and stop at designated place.
- The position of selector valve (90 degree ball valve) is selected for use of 80/60 nozzles depending on size of car to be washed.
- Open the bonnet.
- Start the chemical spray with the selector switch. Spray the chemical wherever required in the Engine compartment. Switch off the chemical spray with the selector switch.
- Select the Under Chassis Wash for Auto Operation and start the system by pressing the green start button.
- After the preset time the system will switch off automatically.
- Then select the Under Chassis Wash System for manual mode and select the 3 way St. Steel ball valve for hand lance operation.
- Switch on the Under Chassis Wash System with start green button and clean the mudguards with the hand lance.
- After cleaning the mudguards switch off the system by pressing the red stop push button. Select the 3 way steel ball valve for normal operation.
- For Engine cleaning select 'Auto' and press the green start push button. After the preset time the system shuts off automatically.
- Close the bonnet and will drive the vehicle out.

The **KRE** policy is one of constant product development. The company therefore reserves the right to amend the design of equipment whenever necessary without notice.

UNDER CHASSIS WASH SYSTEM

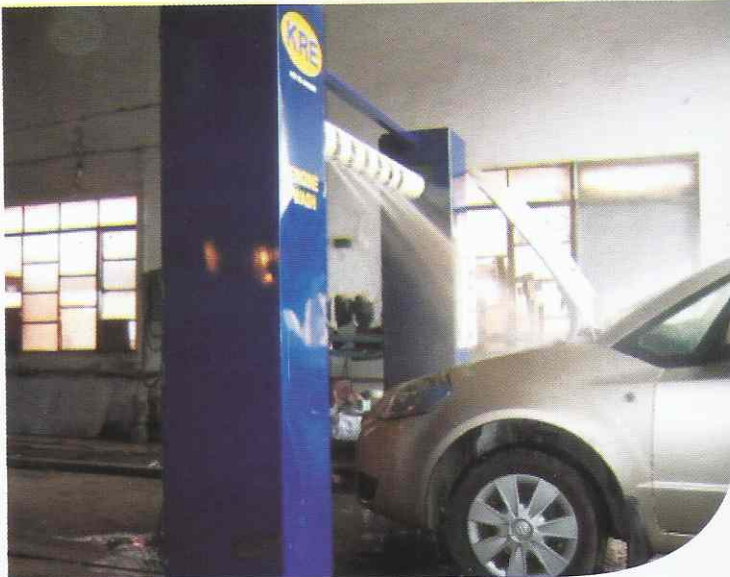
A. FIXED TYPE

- ▶ An assembly of 80 nozzles spread to cover the whole under side of a big car.
- ▶ Assembled on a channel frame and requires minimal civil work.
- ▶ Provision to work only 60 nozzles, by means of a selector valve (90 degree ball valve) to wash a small car.
- ▶ It uses a 5.5 kW pump as standard Equipment.
- ▶ Gives a fierce spray of water by fan / jet shaped nozzles fitted on series of galvanised pipes.
- ▶ Pressure is assisted by air through an air line.
- ▶ Provision of selection of time in Control Panel from 0-6 minutes.
- ▶ Auto / manual operation can be selected by selector switch.
- ▶ Space required 5 x 3 m (L x B).



B. OSCILLATING TYPE

- ▶ An assembly of 4 rows of pipes each having 20 spray nozzles connected to the main feeder pipeline through special rotating joints.
- ▶ Pipes rotate from side to side by means of a helical worm geared motor unit giving a fierce spray of water for the underside of the vehicle.
- ▶ Pressure is assisted by air through an air line.
- ▶ Specially suitable for SUV's/ Jeeps.



ENGINE WASH SYSTEM

- ▶ Consists of 14 nozzles.
- ▶ Uses a 5.5 kW pump as standard equipment.
- ▶ Gives a fierce spray of water by fan / jet shaped nozzles fitted on two rows of galvanised pipes.
- ▶ Pressure is assisted by air pressure through an air line.
- ▶ The control panel provide for selection of time of its operation from 0 6 minutes.
- ▶ 0.37 kW geared motor is used for oscillating the spray system.

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