



Touchless Faucet (TouF) : Washbasin Mounted Contactless Soap cum Water Dispensing Unit

The Touchless Faucet has been developed to cater the frequent need of washing hands with soap and water. The Faucet can be very easily mounted by replacing existing tap of any Wash-Basin. This System dispenses Water 30 seconds after dispensing Soap in a Touch-free Mechanism. The technology has a power supply requirement of only 10 Watts.



When a person approaches the sensor on the Basin Mounted Touchless Faucet, a predefined amount of soap (few millilitres) will be dispensed from the tap, momentarily. After rubbing his / her hand for thirty (30) seconds, clean water is dispensed from the same tap. The arrangement aims to reduce wastage of water and is suited for homes and offices. The system also works manually in case of power failure.

Novelty of the System:

- Basin Mounted
- Single tap dispenser for soap as well as water
- Single IR sensor for both soap and water
- Minimal water usage
- Plug and Use
- Material used: 1) Acrylic (more attractive)
2) Powder coated steel (more durable)
- Dimensions: 250 x 115 x 215 mm

Technology Transfer Fee: Rs.2.5 lakh (incl. GST) for Micro & Small Enterprises

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