

Intelligent Public Toilets

WORLDCLASS PUBLIC SANITATION

In today's fast-paced society, the environment that we live in poses various challenges for providing sanitation. Our public sanitation facilities have to be hygienic and durable. Altersoft designs and manufactures product solutions to meet these requirements. We integrate the latest technology available that beats the existing norms of performance. Self-sustaining sanitation facilities are the need of the hour.



Intelligence

The intelligence embedded in IPtoilet® keeps it clean, in spite of careless usage. IPtoilet® offers touch-free operations. The travelling public who use the facility find the same kind of comfort in IPtoilet® as of their home toilets, because of its neatness, convenience and safety that they enjoy inside.

Self Cleaning using pressure jet spray

Though everyone takes care of maintaining hygienic toilets at their homes, that is not the case with public toilets. On top is the acute shortage of labour for cleaning lavatories. The timed pressure-sprayers, perforated floors, auto-flush and the stainless steel body helps in self-cleaning of our toilets.

Automated for minimum user contact

It is commonly observed in public toilets that people tend to damage the door handle, switches, tap knobs, or flush knobs due to rough usage. By automating these operations, there is no need for any manual intervention except manually bolting the door from inside. It ensures minimum user contact and thus maximum hygiene.

Structure and Fabrication

The fabrication of the body of the unit is done with utmost care to make it tamper-proof and rust-proof. It is portable in whole or packed to install at site. It comes in different sizes as per number of units in a single console. The unit ensures safety of users - it will not let a person be trapped inside as it provides manual locking once a person enters the toilet.

Protection against vandalism

Stainless steel 304 grade facades of walls and roof, and 316 grade 2mm stainless steel sheets with perforation at the bottom, ensures hygiene during public usage. The unit uses tamper proof (stainless steel allen csk) fasteners. Utmost care has been given to minimize the usage of water and electricity. There are optional features like air conditioner, solar panels and bio membrane tank, Napkin incinerator(destroyer) and napkin vending machine.

Power cleaning of floor

We have used a unique technology to clean the floor. The floor in the unit has two layers. One upper layer that has 2mm thickness and 316 grade stainless steel sheet with 5mm perforation. It supports a stainless steel tray underneath with proper ventilation

and slanting for easy removal of waste water. It ensures that all the grime from footwears does not remain on the floor surface and thus periodical water jet cleaning of walls and floors are more effective. **The cleaning technique is patented and is more effective than competing technologies used in public toilets.**

