

OUR CURRENT INSTALLATIONS

TATA STEEL



SMART
EzyNest
A Tata Steel Product

powered by



Thrissur, Kerala



Kodakara, Kerala



SMART TOILETS
We build what matters



SMART
EzyNest
A Tata Steel Product

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NEST-IN PRESENTS SMART EZYNEST TOILETS POWERED BY IP TOILETS

Tata Steel Nest-In has a pan India experience in installing steel based pre-fabricated modular toilets. We have now come up with a smart one-stop solution for sanitation for our government as well as private clients.

Our technology partner - Altersoft Innovations has incessantly worked on refining the design and features of their smart sanitation solution to come up with the Intelligent Public toilet.

IP toilets save cost in operation and maintenance almost by 90% by employing state of the art service methods. Effectiveness of the IP toilets can be attributed to its unique micro controller based electronic circuitry, vandal proof design, luxurious interiors and low operational costs.



DESIGNED TO ACCOMODATE THE PHYSICALLY DISABLED

Designed keeping safety
and comfort in mind



Sliding door to
facilitate ease of entry



Hand railing to
assist movement



Ramp leading to
the entry



Sensor based hand
wash basin



Vandal proof
design



SMART EZYNEST FEATURES

The Automated Public Toilet's unique hygiene aspects

Cleanliness between usages
- periodic power spray cleaning



Specially designed power
sprayer - cleans both walls & floor



Optional Features

Solar Panels | Bio-membrane tank / sewage treatment plants | Air conditioners
Napkin incinerator and napkin vending machines | Audio / video systems
Advertisement displays | Aromatic dispensers

PAVING THE WAY FOR A SMARTER, CLEANER INDIA



- Robust and insulated steel super structure
- One stop solution with waste management, plumbing and electrical fittings
- Value for money - cost effective solution
- Installation by trained professional team

WHY NEST-IN AUTOMATED PUBLIC TOILET?

NEST-IN AUTOMATED PUBLIC TOILET

VS

MAJOR COMPETITORS

1200 x 1200 mm (4x4 feet) **comfortable for movement inside**

2 mm 316 grade SS Perforated floor, interiors and doors. **Significantly low rusting probability**

Unique double layered perforated floor design for easy **cleaning and mud removal**

Unique design ensuring complete automation from outside and fully manual operation from inside

Built with CPVC to **withstand heat and pressure** for a long period of time

Pressure boosting pumps to maintain **optimum pressure while flushing, hand washing and cleaning**

Both floor and walls are cleaned with patent pending technology

Equipment inside the toilets are kept in a vandal proof way so that the public cannot tamper with them easily

Inner space

Material inner walls & doors

Floor Design

Prevention of user lock-in

Plumbing Material

Optimum & efficient water usage

Cleaning

Vandal deterrent design

Typically, 30% lesser than Nest-In Smart toilets

Mild steel or low-grade SS increasing possibility of rusting

Normal flooring

Some toilets use automatic doors which causes users to get trapped inside the toilet

PVC with low heat and pressure resistance

No pressure boosting

Generally, comes with floor cleaning only

No attention paid to a vandal proof design

FUNCTIONING OF AUTOMATED PUBLIC TOILET

Entry restricted when there is no power or water



On entering inside lights operate automatically



Door opens on Coin drop/Button Push. Bolting from inside is manual



Safe to use & easy to maintain



Occupancy indicator



Warning for 2 adult entry



Emergency exit



Automatic pre & post flush cleaning



Easy to clean surface material & floor design



Periodic automatic power spray cleaning



Automatic shut down before resources finish

