



Safe glasses. Zero plastic.

A contact-free water dispenser and glass cleaner in one. Press a button for water in a clean steel glass; return it, and GILAS cleans and disinfects it for the next person in about a minute.



No plastic tumblers

One steel glass replaces thousands of disposables.

No shared, unwashed glass

Every glass is disinfected before it is reused.

No back-of-house washing

Dispensing and cleaning in one unit.

**FOR SCHOOLS • HOSPITALS • EVENTS •
WORKPLACES**

THE PROBLEM

Two bad choices at every water point.

OPTION 1

The plastic tumbler

Used for a minute, littered for centuries. Only 9% of the world's plastic waste is recycled¹. India banned plastic cups and glasses in 2022², yet banned plastics were still found at 84% of sites surveyed in 2025³.

OPTION 2

The shared tumbler

Rinsed in a bucket, or not at all, and passed between many mouths where children and patients gather. WHO notes that much diarrhoeal disease can be prevented through safe water, sanitation and hygiene⁴.



THE SOLUTION

Dispense. Return. Clean. Repeat.

1 Dispense

Press a button and a sanitised steel glass fills with drinking water.

2 Drink & return

Drink, then place the glass back into GILAS.

3 Clean & disinfect

Spray wash, ultrasonic cleaning and UV-C disinfection, then it's ready again.

Inside step 3: the cleaning cycle (about 60 seconds*)

1. Eco-Solution

High-pressure spray nozzles ·
Biodegradable alkaline solution, pH 9.5–10.5

2. Ultrasonic

40 kHz piezoelectric transducers ·
Cavitation-bubble implosion

3. UV-C

254 nm UV-C lamps · Reflective chamber,
360° exposure

WHERE IT FITS

Built for places where hygiene can't slip.



Schools

Every child gets water in a glass that has just been cleaned and UV-C disinfected, and plastic disappears from the campus.

Supports the water and hygiene criteria of the Swachh Vidyalaya Puraskar.



Hospitals & clinics

Contact-free drinking water and a closed clean-and-disinfect cycle for glasses in non-clinical areas, with no plastic waste.

Supports the hygiene, infection-control and waste goals scored by Kayakalp and NABH.



Events & weddings

Portable units dispense water and clean glasses on the spot, so guests serve themselves a clean, filled glass.

Ideal for weddings, conferences, langars and pilgrimage routes.



Workplaces

A clean steel glass at every water point and measurable plastic reduction for your ESG reporting.

Feeds BRSR and CSR reporting with real usage data.

KEY SPECIFICATIONS

Water dispensing	Contact-free, push-button, into a sanitised steel glass	Design target
Full cycle time	~60 seconds	Claimed
Throughput	4-6 glasses per minute, continuous	Claimed
Pathogen reduction	99.9%	Claimed
Water per cycle	~100 ml	Claimed
Plumbing	Not needed for the portable variant. Sealed cleaning-solution tank and waste reservoir	Design target
Power supply	Standard wall socket	Design target
Dimensions (W x H x D)	~26 x 32 x 19 cm	Design target
Power-loss protection	Supercapacitor backup for safe shutdown	Design target

CERTIFICATIONS

BIS PLANNED	CE PLANNED	UL PLANNED
FCC PLANNED	FDA PLANNED	IPX4 PLANNED

GILAS is in the certification process. We will update these marks as approvals arrive.



Buy it, lease it, rent it, or fund it.

Buy or lease

For schools, hospitals, offices and venues with daily water points. Maintenance and consumables plans available.

Rent per event

Through our catering and event-rental partners, sized to your guest count.

Fund through CSR

Companies can fund GILAS for government schools or public hospitals, with units, upkeep and impact reporting in one programme.

Start with a pilot

We are setting up our first pilots with schools, hospitals and event partners. Each becomes a published case study.

GOOD TO KNOW

- **Does GILAS purify water?** No. It dispenses drinking water, so it must be filled from, or connected to, water that is already safe to drink.
- **Can hospitals use it?** Yes, for drinking glasses in non-clinical areas. It is not a medical device and does not replace clinical sterilisation.
- **Who operates it?** No one needs to. People press a button and return the glass; staff refill water and solution and empty the waste tank.

See GILAS in action.

Book a 15-minute demo or request a tailored quote.

WEB

musthav.co.in/contact

SALES & DEMOS

sales@musthav.co.in

BASED IN

Indore, Madhya Pradesh

* Cycle time, throughput, water use and pathogen reduction are design figures from our patent draft, pending independent validation. Specifications may change before launch. Green Glass Dispenser is a product of MUSTHAV Technologies Pvt. Ltd.

[1] OECD (2022), Global Plastics Outlook: Economic Drivers, Environmental Impacts and Policy Options. OECD Publishing, Paris.

[2] Government of India, Press Information Bureau (2022), ban on identified single-use plastic items from 1 July 2022 under the Plastic Waste Management (Amendment) Rules, 2021.

[3] Toxics Link (2026), Revisiting the Single-Use Plastic Ban: field survey of 560 sites in Delhi, Mumbai, Guwahati and Bhubaneswar, April–August 2025.

[4] World Health Organization (2024), Diarrhoeal disease fact sheet, 7 March 2024.