

Foot Operated Scrub Station

DESCRIPTION

The **Foot Operated Scrub Station (2-Tap Model)** is a hygienic, hands-free washing unit designed for operation theatres, ICUs, and sterile hospital areas.

As shown in your attached image, this model features a **dual-tap setup** operated by **foot pedals**, allowing medical staff to scrub without touching any surface — ensuring 100% aseptic hand hygiene.

Constructed from **high-grade SS-304**, the unit offers superior durability, corrosion resistance, and ease of cleaning. Its **standard size and polished surface** make it ideal for high-demand clinical and surgical environments.

SPECIFICATION

- Product Name: Foot Operated Scrub Station
- Type: 2 Water Tap, Foot Operated
- Size: Standard (customisable on request)
- Material: Stainless Steel (SS-304 – Medical Grade)
- Operation: Foot pedal for water control (hands-free function)
- No. of Taps: 2 (independent water lines)
- Finish: Fine polished surface for easy disinfection
- Basin: Deep drawn SS sink bowl for splash-free washing
- Drainage: Central outlet with SS plumbing assembly
- Mounting: Wall-mounted or floor-standing (as per image)

SIZES & VARIANTS

- **Standard Model:** 2-tap foot operated (as per your image)
- **Available Options:**
 - 1-tap, 2-tap, or 3-tap versions
 - Wall-mounted or freestanding models
 - Foot or knee-operated water control
- **Finish:** Mirror-polished or matte satin SS-304

TYPES & FEATURES

- Dual-tap design allows two users to scrub simultaneously
- Hands-free operation via foot pedals for maximum hygiene
- SS-304 construction ensures long-term corrosion resistance
- Deep sink design reduces splashing and water spillage
- Seamless welded joints for easy cleaning and maintenance
- Ergonomic design suitable for continuous hospital use

MATERIAL DETAILS

- **SS-304 Stainless Steel (AISI 304):** Non-corrosive, non-magnetic, and chemical-resistant
- **Finish:** Fine polished, smooth surface for sterile cleaning
- **Foot Pedals:** SS lever-operated valves with non-slip grip
- **Plumbing:** SS pipes and connectors for leak-free performance
- **Optional Upgrade:** SS-316 variant for high-salinity areas

CATEGORY & PRODUCT FORM

- Category: Hospital & Surgical Equipment
- Product Form: Dual-user, foot-operated scrub station
- Function: Pre-surgical hand wash and scrub unit

USAGE & APPLICATION

- Ideal for use in operation theatres, ICUs, and procedure rooms
- Allows sterile hand scrubbing before surgeries
- Suitable for both **human** and **veterinary** operation theatres
- Ensures hygienic, hands-free water flow control

ADVANTAGES

- 100% hands-free foot operation — prevents cross-contamination
- SS-304 build ensures hygiene and longevity
- Dual-tap setup saves time in multi-surgeon OTs
- Easy to clean and maintain
- Professional-grade finish complements sterile OT areas

DISADVANTAGES

- Requires plumbing connection for installation
- Higher cost than manual faucet systems
- Fixed setup (not portable)

PRECAUTIONS

- Ensure proper plumbing and drainage setup before use
- Avoid excessive pressure on foot pedals
- Clean regularly to prevent water scale buildup
- Use neutral pH cleaning agents only

HANDLING & CARE

- Wipe dry after every shift to maintain polish
- Disinfect regularly with alcohol-based cleaners
- Check pedal valves periodically for smooth function
- Avoid hard scrubbing to prevent surface scratches

STERILISATION DETAILS

- Clean with neutral or alcohol-based disinfectants
- Avoid acid-based cleaners or bleach
- Rinse thoroughly to prevent chemical residue
- Maintain sterile cleaning routine per hospital protocol

HUMAN & VETERINARY APPLICATIONS

- **Human Medical Use:** Pre-surgical handwashing in OTs, ICUs, and wards
- **Veterinary Use:** Pre-surgery scrubbing for veterinary surgeons
- Supports both hospital and animal surgery setups with equal efficiency

HS & HSN CODES

- **HS Code:** 9403
- **HSN Code:** 94032010 — Stainless Steel Hospital Equipment

FAQS (Frequently Asked Questions)

Q1: Why is a foot-operated scrub station better than a manual tap system?

It allows completely hands-free use, reducing the risk of contamination in sterile areas.

Q2: How many users can use this model at once?

This 2-tap version can accommodate two users simultaneously, ideal for busy OTs.

Q3: What material are the foot pedals made of?

The pedals and plumbing components are made from SS-304 for strength and hygiene.

Q4: Can this model be installed on a wall?

Yes, it can be either wall-mounted or freestanding depending on the setup space.

Q5: How should it be cleaned for infection control?

Wipe with alcohol-based disinfectant, rinse with clean water, and dry after every surgical shift.

