

# Monitor Trolley

## DESCRIPTION

The **Monitor Trolley** is a robust, stainless steel (SS-304) multi-shelf equipment trolley designed for safe and efficient placement of monitors, medical devices, and accessories in operation theatres and intensive care units.

Based on your attached image, this model features **five sturdy shelves** for equipment arrangement and a **single pull-out drawer** for essential accessories. With a total height of **60 inches** and a footprint of **24" × 20"**, it provides excellent vertical storage while saving space.

Constructed entirely from **high-grade SS-304**, it ensures maximum durability, hygiene, and corrosion resistance. Its smooth-polished surface, open frame structure, and optional side handles make it ideal for continuous hospital use.

## SPECIFICATION

- Product Name: Monitor Trolley
- Size: 24" × 20"
- Height: 60"
- Material: Stainless Steel (SS-304 – Medical Grade)
- Shelves: 5 fixed SS shelves for equipment placement
- Drawer: 1 single SS drawer with smooth sliding channels
- Frame: Welded tubular stainless steel frame
- Finish: Mirror / satin polish
- Mobility: Mounted on heavy-duty swivel castor wheels (optional 4")
- Edges: Rounded and polished for safety
- Structure: Open frame for easy cleaning and airflow

## SIZES & VARIANTS

- Standard: 24" × 20" × 60" (as shown in image)
- Optional heights: 48" or 72" based on equipment load
- Drawer options: Single or double drawer configurations
- Wheel options: 2" or 4" castor wheels (lockable)

## TYPES & FEATURES

- 5-shelf layout offers ample storage for monitors, suction units, and accessories
- Smooth pull-out SS drawer for cables or smaller tools
- Open structure ensures airflow and easy maintenance
- Optional handles for safe repositioning
- Non-corrosive and low-maintenance design for hospital environments

## MATERIAL DETAILS

- **SS-304 Stainless Steel:** Corrosion-resistant, non-magnetic, and hygienic
- **Welding:** TIG-welded with smooth joints for cleanliness
- **Finish:** Mirror-polished for professional, sterile appearance
- **Drawer Slide:** Stainless channel with noise-free pull system
- **Castors:** Non-marking, imported wheels (optional)

## CATEGORY & PRODUCT FORM

- Category: Hospital / Surgical Equipment Trolleys
- Product Form: Multi-shelf equipment trolley with single drawer
- Usage: For mounting monitors, ECG machines, suction units, or infusion pumps

## USAGE & APPLICATION

- Used in operation theatres, ICUs, and diagnostic rooms for medical device organisation
- Provides easy access to monitoring systems and cables during procedures
- Ideal for both **human** and **veterinary** medical setups
- Supports efficient workflow by keeping instruments vertically arranged

## ADVANTAGES

- Multi-level storage with dedicated drawer space
- Compact footprint, high storage efficiency
- Durable, easy to clean, and fully rust-proof
- Ensures neat and organised device placement
- Long-lasting construction for heavy-duty use

## **DISADVANTAGES**

- Open-frame design offers limited dust protection
- Can become top-heavy if loaded unevenly
- Requires periodic cleaning to maintain finish

## **PRECAUTIONS**

- Do not overload upper shelves with heavy equipment
- Ensure wheels are locked before use (if mobile type)
- Clean regularly with soft cloth and mild disinfectant
- Avoid abrasive cleaning agents

## **HANDLING & CARE**

- Wipe after each shift with hospital-grade neutral cleaner
- Lubricate drawer and wheel mechanisms periodically
- Inspect welds and corners regularly for cracks or corrosion
- Maintain balanced load distribution across shelves

## **STERILISATION DETAILS**

- Clean with alcohol-based or neutral pH disinfectants
- Avoid direct steam sterilisation or autoclaving
- Allow equipment surfaces to cool before trolley contact
- Maintain surface hygiene per OT cleaning protocols

## **HUMAN & VETERINARY APPLICATIONS**

- **Human Medical Use:** OT, ICU, CSSD, and diagnostic labs
- **Veterinary Use:** Equipment support in surgery and intensive care areas

## **HS & HSN CODES**

- **HS Code:** 9403 — Other medical and hospital furniture
- **HSN Code:** 94032010 — Stainless Steel Hospital Furniture

## **FAQS (Frequently Asked Questions)**

### **Q1: Why does this monitor trolley have five shelves?**

It allows multiple medical devices like monitors, suction units, and infusion pumps to be stored vertically for easy access during procedures.

### **Q2: What is the purpose of the single drawer?**

The drawer provides secure, dust-free storage for cables, probes, and small accessories that require quick retrieval.

### **Q3: Is the SS-304 construction suitable for continuous hospital use?**

Yes, SS-304 is corrosion-resistant, disinfectant-friendly, and ideal for sterile environments such as OTs and ICUs.

### **Q4: Can this trolley handle heavy electronic monitors?**

Absolutely. The reinforced SS frame and solid shelves ensure load stability for multiple electronic units.

### **Q5: How should the trolley be maintained for long life?**

Clean regularly using non-chlorinated solutions, check welds, and lubricate drawer channels and wheels periodically.

