

MVA Tray with Lid

Description

The MVA (Manual Vacuum Aspiration) Tray with Lid is a specialized surgical instrument tray designed for the collection and storage of surgical instruments during procedures. It ensures sterility, organization, and ease of access, making it indispensable in both human and veterinary surgical settings.

Specifications

- **Material:** High-quality stainless steel (SS304 or SS316) for durability and corrosion resistance.
- **Dimensions:** Varies based on model; common sizes include 15" x 10" x 1.5" (38 x 25 x 3.8 cm).
- **Shape:** Rectangular with a flat base and raised edges to prevent spillage.
- **Lid:** Fitted lid with a secure latch to maintain sterility.
- **Finish:** Mirror or satin finish for easy cleaning and aesthetic appeal.

Types

- **Standard MVA Tray:** Basic tray with lid for general surgical use.
- **Perforated MVA Tray:** Features holes for drainage and ventilation, suitable for procedures requiring fluid removal.
- **Stackable MVA Tray:** Designed for compact storage and easy stacking during sterilization.

Product Form

- **Individual Tray:** Single unit for standalone procedures.
- **Tray Set:** Includes multiple trays with varying sizes for different surgical needs.

Material

- **Stainless Steel (SS304/316):** Preferred for its non-reactivity, strength, and resistance to corrosion.
- **Plastic (for disposable variants):** Used in single-use trays to reduce cross-contamination risks.

Category

- **Medical Instruments:** Classified under surgical instrument trays.
- **Veterinary Instruments:** Used in animal surgeries and procedures.

Usage

- **Human Application:** Utilized in gynaecological, obstetric, and other surgical procedures requiring aspiration.
- **Veterinary Application:** Employed in animal surgeries, particularly in reproductive procedures.

Advantages

- **Durability:** Long-lasting with proper care.
- **Sterility Maintenance:** Lid ensures instruments remain sterile until use.
- **Organization:** Keeps instruments neatly arranged for efficient procedures.

Disadvantages

- **Weight:** Metal trays can be heavier compared to plastic alternatives.
- **Cost:** Higher initial investment, especially for stainless steel variants.

Precautions

- **Cleaning:** Regularly clean and sterilize to prevent contamination.
- **Inspection:** Check for any dents or damage that could compromise sterility.
- **Storage:** Store in a dry, clean environment to maintain integrity.

HSN Code

- **HSN Code:** 90189099 – Other instruments and appliances used in medical, surgical, dental, or veterinary sciences.

Sterilization Details

- **Methods:**
 - **Autoclaving:** Preferred method for stainless steel trays.
 - **Chemical Sterilization:** For plastic variants or when autoclaving isn't feasible.
- **Frequency:** After each use to ensure complete sterility.

Human Application

- Utilized in gynaecological, obstetric, and other surgical procedures requiring aspiration.
- Used in hospitals and clinics for procedures requiring aspiration.

Veterinary Application

- Employed in animal surgeries, particularly in reproductive procedures.
- Used in animal clinics and hospitals, especially for reproductive surgeries.

Frequently Asked Questions (FAQs)

1. **Can the MVA tray be used for both human and veterinary procedures?**
Yes, with proper sterilization and size considerations.
2. **Is the tray autoclavable?**
Stainless steel trays are autoclavable; plastic variants may not be.
3. **What sizes are available?**
Common sizes include 15" x 10" x 1.5", but custom sizes can be manufactured.
4. **How do I maintain the tray?**
Regular cleaning, proper sterilization, and safe storage are essential.
5. **Are disposable versions available?**
Yes, plastic disposable trays are available for single-use applications to reduce cross-contamination risks.

