

Cheatle Sterilizer Forceps

Description

Cheatle Sterilizer Forceps are precision-engineered surgical instruments designed for handling sterile materials during medical and veterinary procedures. Their design minimizes contamination risk while providing a firm grip on sterile dressings, swabs, and instruments. Made from high-grade stainless steel, they combine durability with ease of sterilization.

Specification

Attribute	Details
Material	High-grade stainless steel (304 or 316)
Length	Commonly 9 inches (230mm), 12 inches (300mm), customizable sizes available
Tip Design	Serrated or smooth tips
Joint Type	Box lock joint for stability and smooth operation
Finish	Mirror-polished or satin finish
Weight	Approx. 80-150 grams (depending on size)
Manufacturer Standards	ISO 9001, CE certified (if applicable)

Sizes & Shapes

- Standard sizes: 9", 12"
- Shapes: Straight or curved tips
- Tip Variations: Serrated for secure grip or smooth for delicate materials

Types

- Standard Cheatle Sterilizer Forceps: Most commonly used for sterile material handling
- Curved Cheatle Forceps: For better access in deep or angled areas
- Long Forceps: For extended reach, typically over 12 inches

Material

- Surgical grade stainless steel (304 or 316), known for corrosion resistance and durability
- Mirror-polished for easy cleaning and rust prevention
- Non-magnetic and non-toxic, suitable for autoclaving and other sterilization methods

Category

- Surgical instruments
- Sterilization & handling tools

Product Form

- Metallic forceps with ergonomic grip
- Available in boxed packaging or sterilized sealed packs

Usage

- Handling sterile gauze, swabs, and dressings without contamination
- Picking up and transferring sterile instruments during surgery
- Laboratory use for sterile material manipulation

Advantages

- Maintains strict sterility by preventing direct hand contact
- Durable and corrosion-resistant material for repeated sterilization
- Ergonomic design minimizes hand fatigue during use
- Versatile for both human and veterinary applications

Disadvantages

- Requires proper handling to avoid damage to tips or joints
- May be less effective on very delicate or slippery materials if serrations are too aggressive
- Requires regular maintenance to prevent rust or corrosion

Precautions

- Avoid dropping forceps to prevent misalignment or damage
- Clean thoroughly immediately after use to avoid residue buildup
- Do not use harsh chemicals that could degrade the stainless steel
- Store in dry, sterile conditions to prevent contamination and rusting

HS / HSN Code

- Harmonized System (HS) Code: 9018.39 (Instruments and appliances used in medical, surgical, dental or veterinary sciences)
- Harmonized System of Nomenclature (HSN) Code (India): 9018 (Surgical instruments)

Handling

- Use gloves during handling to maintain sterility
- Ensure forceps are dry before sterilization to avoid rust
- Inspect for any damage before and after each use

Sterilization Details

- Suitable for steam autoclaving at 121-134°C
- Can be sterilized using ethylene oxide or chemical sterilants as per manufacturer guidelines
- Avoid prolonged exposure to harsh chemicals that can degrade the finish

Human Application

- Used in hospitals, clinics, and laboratories for sterile material handling in surgeries, wound care, and diagnostic procedures
- Essential in aseptic techniques during surgical and post-operative care

Veterinary Application

- Utilized in animal hospitals, clinics, and veterinary laboratories for sterile dressing changes and surgical assistance
- Helps maintain aseptic conditions in veterinary surgeries and wound treatments

? Frequently Asked Questions (FAQs)

Q: Can Cheatele Sterilizer Forceps be reused?

A: Yes, they are designed for repeated use and sterilization, provided proper care is taken.

Q: Are these forceps safe for veterinary use?

A: Absolutely, they are widely used in both human and veterinary medical fields.

Q: How should I clean the forceps after use?

A: Clean with warm water and mild detergent immediately after use, then sterilize using an autoclave or recommended chemical sterilant.

Q: What sizes are most commonly available?

A: Typically 9 inches and 12 inches; custom sizes may be available on request.

Q: What is the difference between serrated and smooth tip forceps?

A: Serrated tips provide a better grip on materials, while smooth tips are used for delicate handling to avoid damage.

