

Straw Lifting Forceps

Description

Straw Lifting Forceps 10" are precision-engineered surgical instruments primarily used for handling and placing semen straws during artificial insemination in veterinary procedures. These forceps provide controlled grip and are designed to minimize contamination and maximize precision during the transfer process. The 10-inch length allows comfortable handling and access.

Specifications

- **Length:** 10 inches (25.4 cm)
- **Design:** Long, slim body with specialized gripping ends for holding straws
- **Grip Type:** Serrated inner tips for firm yet non-damaging grip
- **Surface Finish:** Satin/Matt finish to reduce glare
- **Sterilization:** Autoclavable

Sizes Available

- Standard size: **10"**

Shapes

- **Straight**
- **Curved** (less common, for special procedural access)

Types

1. **Standard Straw Lifting Forceps**
2. **Spring-Loaded Straw Lifting Forceps**

Material

- High-grade **Stainless Steel (AISI 420 or 410)**
- Corrosion-resistant
- Rust-proof and durable
- Medical-grade, reusable quality

Category

- **Veterinary Surgical Instruments**
- **Artificial Insemination (AI) Tools**

Product Form

- **Physical Instrument**
- **Reusable, Non-Disposable**

Usage

Used to:

- Handle semen straws during AI procedures
- Ensure hygienic transfer without hand contact
- Allow precision placement inside AI gun

Advantages

- Hygienic and safe
- Minimizes contamination risks
- Durable and long-lasting
- Comfortable handling with optimal length
- Can be sterilized and reused

Disadvantages

- Needs proper sterilization after every use
- Mishandling may lead to damage of delicate straw tips
- Not suitable for non-AI tasks (specialized use only)

Precautions

- Always sterilize before and after use
- Do not use with damaged tips/ Use with proper AI training
- Avoid excessive pressure to prevent crushing the straw

HS / HSN Code

- **HS Code:** 9018.90
- **HSN Code:** 9018.90.99

(Covers instruments used in medical, surgical, dental, or veterinary sciences)

Handling Instructions

- Handle using sterile gloves
- Do not bend or force into small containers
- Dry thoroughly after sterilization to avoid corrosion

Sterilization Details

- **Method:** Autoclave at 121°C for 15–20 minutes
- **Alternative:** Chemical sterilization using glutaraldehyde-based solutions
- Ensure complete drying post-sterilization to maintain integrity

Veterinary Applications

- Used during **Artificial Insemination** in:
 - Cattle
 - Buffaloes
 - Sheep & Goats
 - Equines
 - Pigs
- Provides hygienic and efficient handling of semen straws
- Reduces contamination, increasing success rate of insemination

Human Applications

- Handling of cryogenic semen straws in fertility clinics
- Controlled placement for IVF or other assisted procedures

? Frequently Asked Questions (FAQs)

Q1. What is the primary use of Straw Lifting Forceps?

A: To safely and hygienically handle semen straws during artificial insemination procedures.

Q2. Can this be used for both humans and animals?

A: Yes, but it is **primarily designed for veterinary** use. In human medical settings, similar tools are used under strict lab protocols.

Q3. Is this tool reusable?

A: Yes, it is made of high-quality stainless steel and is fully autoclavable for repeated use.

Q4. What type of forceps is better — spring-loaded or standard?

A: Spring-loaded forceps offer one-handed operation and are preferred in high-volume AI practices, but both types work efficiently.

Q5. What is the correct sterilization method?

A: Steam autoclaving at 121°C is the standard. Chemical sterilization is a backup but should follow manufacturer guidelines.

