

Artificial Vagina Set

✓ Description

The **Artificial Vagina Set** is a complete veterinary kit designed for the collection of semen from male animals for artificial insemination (AI) purposes. It includes all components required to simulate the natural mating process in a controlled, hygienic environment.

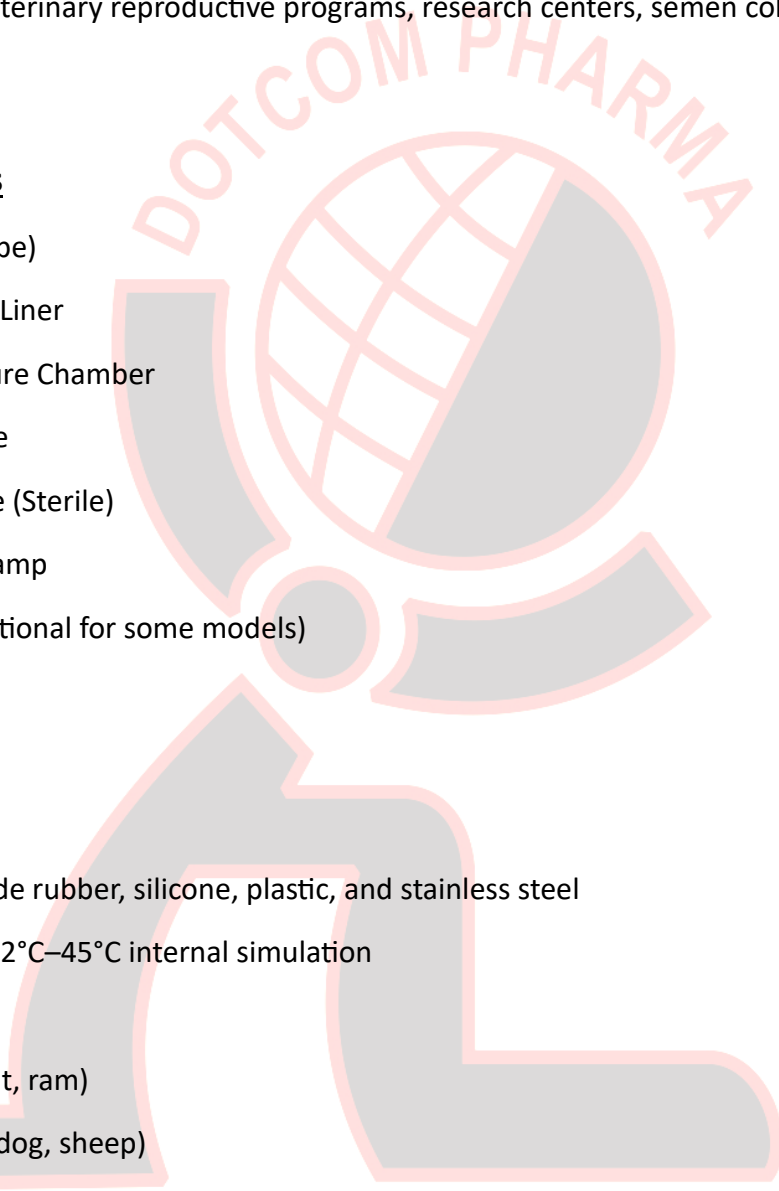
This set is primarily used in veterinary reproductive programs, research centers, semen collection stations, and AI clinics.

✓ Included Components

- Outer Casing (Rigid Tube)
- Inner Rubber/Silicone Liner
- Water Jacket or Pressure Chamber
- Semen Collection Cone
- Semen Collection Tube (Sterile)
- Adjustable Valve or Clamp
- Mounting Support (optional for some models)
- Carrying/Storage Case

✓ Specifications

- **Material:** Medical-grade rubber, silicone, plastic, and stainless steel
- **Temperature Range:** 42°C–45°C internal simulation
- **Size Variants:**
 - Small (e.g., goat, ram)
 - Medium (e.g., dog, sheep)
 - Large (e.g., bull, stallion, camel)
- **Reusable Components:** Outer casing, water chamber
- **Disposable Components:** Inner liners, semen cones, collection tubes



Types & Variations

- **Species-Specific Sets:**
 - Bovine AV Set
 - Equine AV Set
 - Canine AV Set/ Caprine/Ovine AV Set
- **Manual or Semi-Automated Options**
- With or without pressure regulator system

Product Category

- Veterinary Reproductive Instruments

Product Form

- Complete Kit / Set
- Reusable + Disposable components

Usage

- Semen collection for artificial insemination
- Semen banking (cryopreservation)
- Used in veterinary fertility clinics, breeding farms, and livestock research

Veterinary Application

- Used to collect semen from:
 - Bulls
 - Stallions
 - Dogs
 - Rams
 - Bucks
 - Camels
- Used by trained veterinary professionals and AI technicians
- Ensures clean, high-quality sample collection for AI or diagnostic use



✓ Advantages

- ✓ Ready-to-use complete kit
- ✓ Reduces contamination risks
- ✓ Custom sizes for species-specific use
- ✓ Durable, transportable design
- ✓ Compatible with cryo-storage lab setups

✗ Disadvantages

- ✗ High initial cost for full sets
- ✗ Requires strict hygiene protocols
- ✗ Needs trained personnel for effective use

⚠ Precautions

- ⚠ Sterilize all reusable parts before and after each use
- ⚠ Never reuse collection tubes or liners across animals
- ⚠ Avoid overheating the water jacket
- ⚠ Ensure animal safety and calmness during collection

✓ Handling Instructions

- Pre-warm water jacket to 42–45°C
- Insert sterile liner and lubricate
- Connect collection cone and semen tube
- Use dummy mount or restrained mating method
- Collect sample and immediately store in lab-safe conditions

✓ Sterilization Details

- Reusable parts: Clean with mild disinfectant or medical-grade cleaning solution
- Do not autoclave unless specified by the manufacturer
- Always air dry fully before repacking or reusing
- Disposable parts: Discard after single use

✓ HS / HSN Code

CODE TYPE	CODE	DESCRIPTION
HS CODE	9018.90	Instruments and appliances used in medical, surgical, dental or veterinary sciences – <i>Other</i>
HSN CODE (INDIA)	9018.90.99	Other instruments and appliances – <i>Complete veterinary reproductive kits</i>

✓ Frequently Asked Questions (FAQs)

Q: What's the difference between an Artificial Vagina and an AV Set?

An AV is a single collection device; the AV Set includes everything needed for a full collection session (liners, cones, tubing, etc.)

Q: Is the AV Set species-specific?

Yes, sets are designed differently for bulls, stallions, rams, dogs, and camels.

Q: Can parts be reused?

The outer casing and water jacket are reusable. Inner liners, collection cones, and tubes must be disposed after use.

Q: Can one set be used for multiple species?

Not ideally — each species requires size and temperature adaptations.

Q: Is the AV Set safe for the animals?

Yes, when handled by trained professionals with proper hygiene and animal restraint.

