

Artificial Vagina

✓ Description

An **Artificial Vagina (Av)** Is A Specially Designed Reproductive Tool Used For The Collection Of Semen From Male Animals, Particularly In Breeding Programs. It Simulates The Natural Conditions Of Mating And Is Widely Used In Veterinary Reproductive Technology For Artificial Insemination And Research.

✓ Specifications

- **Material:** High-Quality Medical-Grade Rubber, Silicone, Or Latex
- **Structure:** Outer Casing (Rigid Tube), Inner Liner, And Pressure Chamber
- **Temperature Control:** Water-Filled Jacket To Simulate Natural Body Temperature (Approx. 42–45°C)
- **Lubrication:** Sterile, Non-Spermicidal Lubricant
- **Disposable/Reusable:** Inner Liners Are Often Single-Use; Casings Are Reusable

✓ Size Available

- Small (E.G., Goat, Ram)
- Medium (E.G., Dog, Sheep)
- Large (E.G., Bull, Stallion, Camel)

✓ Types & Shapes

- Canine Av
- Bovine Av
- Equine Av
- Ram/Goat Av
- Camelid Av
(Differ In Length, Girth, And Thermal Insulation)

✓ Product Category

- Veterinary Reproductive Equipment

✔ Product Form

- Manual Tool (Non-Electronic)
- Partially Disposable (Inner Sleeve)

✔ Usage

- Semen Collection For Artificial Insemination Programs
- Breeding Soundness Evaluation In Veterinary Practice
- Collection For Cryopreservation (Semen Banking)
- Useful In Animal Fertility Research

✔ Human Application

- **None**

This Device Is Strictly For **Veterinary Use Only**. Any Human-Related Use Is Unethical And Prohibited In Medical And Scientific Fields.

✔ Veterinary Application

- Common In **Bulls, Stallions, Rams, Bucks, Dogs, Camels**
- Widely Used In Breeding Centers, Ai Labs, Veterinary Hospitals
- Used By Trained Veterinarians And Reproductive Technicians
- Helps In Genetic Preservation And Herd Improvement





✔ Advantages

- ✔ Non-Invasive And Stress-Minimized Semen Collection
- ✔ Preserves Semen Quality If Used Correctly
- ✔ Reusable Casing Reduces Cost Over Time
- ✔ Available In Species-Specific Sizes

✘ Disadvantages

- ✘ Requires Trained Personnel For Correct Use
- ✘ Improper Temperature Or Pressure May Reduce Semen Quality
- ✘ Cleaning And Sterilization Must Be Thorough To Prevent Contamination

Precautions

-  Always Pre-Warm To Body Temperature Before Use
-  Avoid Cross-Contamination Between Animals
-  Use Sterile Lubricant And Disinfect After Every Collection
-  Ensure Calm And Safe Environment For Animal Handling

Handling Instructions

- Fill Water Jacket With Warm Water (42–45°C)
- Lubricate Inner Liner With Sterile, Non-Spermicidal Gel
- Fit Inner Liner Into Casing Securely
- Collect Semen During Natural Mounting Or Via Dummy
- Remove, Label, And Store Semen Sample In Sterile Container

Sterilization Details

- Rinse With Cold Water, Then Clean With Mild Disinfectant
- Dry Completely Before Storing
- Replace Inner Liner After Each Use
- Do **Not** Autoclave Unless Product Label Allows

HSN / Hs Code For Artificial Vagina

Hs Code **9018.90**

HSN Code (India) **9018.90.99**

Frequently Asked Questions (FAQs)

Q: What Animals Is The Artificial Vagina Used For?

It's Used For Bulls, Rams, Stallions, Dogs, Camels, And Other Breeding Males In Veterinary Settings.

Q: Can The Same Av Be Used On Multiple Animals?

No, Inner Liners Must Be Changed Between Animals To Avoid Contamination. Casings May Be Reused If Properly Sterilized.

Q: What Temperature Should It Be Filled With?

Typically Between 42–45°C To Simulate Body Temperature.

Q: Is This Device Used In Human Medicine?

No, It Is Strictly For Veterinary Use And Not Permitted For Any Human Application

Q: Can This Be Used Without Professional Training?

No, Improper Use Can Lead To Injury Or Poor Semen Quality. Only Trained Vets Or Technicians Should Handle It.

