

Dehorner Electric

Description

The Electric Dehorner is a veterinary instrument designed to remove or prevent horn growth in calves and other livestock by applying controlled electric heat to the horn buds. It offers a humane and efficient method for dehorning, reducing stress and risk of infection compared to traditional methods.

Specifications

- **Power Source:** Electric (Corded or Rechargeable battery)
- **Voltage:** Typically 110V or 220V, depending on model
- **Heating Element:** High-grade heating coil for rapid heat-up
- **Temperature Range:** Adjustable up to 700°C
- **Handle:** Insulated for operator safety
- **Weight:** Approximately 0.5 to 1 kg
- **Accessories:** Different tip sizes for various animal ages

Types & Variants

- Corded Electric Dehorner
- Battery-powered Electric Dehorner
- Models with interchangeable heating tips

Usage

- Used to cauterize and remove horn buds in young calves
- Applied carefully to prevent horn regrowth
- Requires trained personnel for safe and effective use

Advantages

- Humane and less painful than manual methods
- Fast and effective with minimal bleeding
- Reduced risk of infection due to cauterization
- Adjustable temperature for precise application

Disadvantages

- Requires electrical power source or charged battery
- Initial cost can be higher than manual dehorner
- Needs operator training for safe use

Precautions

- Always wear protective gloves and equipment
- Ensure correct temperature to avoid tissue damage
- Keep away from flammable materials during use
- Monitor animals post-procedure for any complications

Handling Instructions

- Preheat the dehorner before use as per manufacturer's guidelines
- Clean and disinfect tips after every use
- Store in a dry, safe place
- Regularly inspect electrical cords and battery status

Sterilization Details

- Tips should be cleaned with antiseptic solutions
- Avoid immersion of electrical parts in liquids
- Follow manufacturer sterilization recommendations

HSN & HS Code

- **HSN Code:** 9018.90 (Instruments and appliances used in medical, surgical, dental or veterinary sciences, not elsewhere specified)
- **HS Code:** 9018.90.99

Human Application:

Not applicable

Veterinary Application:

Used specifically in veterinary medicine for the humane removal of horn buds in livestock such as calves and goats.

? Frequently Asked Questions (FAQs)

1. How does an electric dehorner work?

By applying electric heat to the horn bud to cauterize and prevent horn growth.

2. Is the electric dehorning method humane?

Yes, it causes less pain and reduces bleeding compared to manual methods.

3. What power sources do electric dehorner use?

Corded electricity or rechargeable batteries.

4. How do you clean an electric dehorner?

Clean tips with antiseptics and avoid wetting electrical parts.

5. Can it be used on all livestock?

Primarily used on young calves and goats before horn growth starts.

