Drenching Gun With Can

📝 Description

A **Drenching Gun With Can** is a veterinary liquid-administering device designed to deliver **measured doses of medicines, dewormers, nutritional supplements, and oral liquids** directly into the mouth of livestock such as cattle, buffalo, sheep, and goats.
The attached **can/bottle** acts as a reservoir, allowing easy, continuous dosing without refilling after every animal.
Its design ensures **efficient, safe, and controlled drenching**, reducing stress on the animal and improving administration accuracy.

📊 Specification

- **Product Name:** Drenching Gun With Can
- **Category:** Veterinary Oral Dosing Equipment
- **Material:** High-grade plastic or stainless steel gun body with polymer or HDPE can
- **Capacity of Can:** Usually 500 ml, 1 litre, or 2 litre
- **Gun Type:** Trigger-operated or squeeze-action type
- **Nozzle Type:** Long, smooth rounded nozzle to prevent mouth injury
- **Tube Length:** Flexible feed tube connecting can to gun (50–100 cm)
- **Dosage Adjustment:** Adjustable dose settings from 5 ml to 70 ml depending on model
- **Handle Grip:** Anti-slip ergonomic design
- **Flow Control:** Valve system ensures consistent dosing
- **Can Design:**
    - Heavy-duty HDPE
    - Screw cap or clamp locking
    - Easy refill top opening

🧩 Types

- **Standard Drenching Gun With Can:**
  Single-action drenching with adjustable dose.
- **Stainless Steel Nozzle Type:**
  Stronger and durable for large ruminants.
- **Plastic Body Lightweight Drencher:**
  Easier for long-duration use, fatigue-free.
- **High-Capacity Can Version:**
  For mass drenching on farms.
- **Automatic Refill System Type:**
  Pull-back mechanism that reloads dose automatically.

🧱 Material

- **Gun Body:**
  - Stainless steel
  - High-impact polymer (lightweight options)
- **Nozzle:**
  - Stainless steel
  - Smooth medical-grade polymer
- **Can:**
  - HDPE (High-Density Polyethylene)
  - Strong, leak-proof, chemical-resistant
- **Tubing:**
  - Flexible silicone or PVC tubing

📐 Sizes & Shapes

- **Can Capacity:** 500 ml / 1 litre / 2 litre
- **Gun Length:** 20–30 cm
- **Nozzle Length:** 10–20 cm (species dependent)
- **Tube Length:** 50–100 cm
- **Trigger Type:** Curved ergonomic handle for stable grip

🧭 Usage

- Administering deworming liquid
- Giving oral supplements and vitamins
- Drenching for digestive treatments
- Electrolyte or rehydration liquid administration
- Mass drenching during herd health programs
- Suitable for cattle, buffalo, goats, sheep

📦 Handling

- Keep the animal's head steady and slightly elevated
- Insert nozzle gently from the side of the mouth
- Avoid inserting too deep to prevent choking
- Squeeze trigger slowly for controlled liquid flow
- Adjust dose according to the treatment requirement
- Refill can as needed and ensure tight sealing

🧼 Cleaning & Sterilisation

- Rinse gun, nozzle, and tube with warm water after every use
- Use mild disinfectant for internal cleaning
- Allow all parts to dry completely
- Avoid boiling or high-heat sterilisation if plastic components are present
- Store in a clean, dry environment

⚠️ Advantages

- Accurate dose delivery
- Saves time in mass treatment
- Animal-friendly smooth nozzle
- Reduces medication wastage
- Comfortable grip for long use
- Attached can increases capacity and efficiency

⚠️ Disadvantages

- Plastic parts may degrade if used with harsh chemicals
- Incorrect handling can cause stress to the animal
- Requires cleaning after each session
- Tube blockage can occur if not maintained

🚨 Precautions

- Always check dosage settings before use
- Do not force nozzle into the mouth
- Ensure liquids are properly mixed
- Clean thoroughly between animals to avoid cross-contamination
- Inspect tubing and seals for cracks
- Replace worn-out or leaking parts immediately

🏷️ HS & HSN Codes

- **HS Code:** 8424.89 – Mechanical appliances for projecting liquids
- **HSN Code (India):** 8424.89.90 – Other liquid dispensing/drenching equipment

❓ Frequently Asked Questions

Q1. What is a Drenching Gun With Can (DGC)?
A veterinary device used to administer liquid medicines orally to livestock.

Q2. Can it be used for small animals?
Best suited for cattle, buffalo, sheep, and goats. Small animals need smaller drenchers.

Q3. Is the can detachable?
Yes, most models have detachable, refillable cans.

Q4. Does dosage adjust automatically?
Many models have adjustable dose settings for accuracy.

Q5. How long does it last?
With proper cleaning, a good drenching gun can last for years.

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