

RING PROBE

DESCRIPTION

A Ring Probe is a diagnostic surgical instrument featuring a circular or ring-shaped tip used to explore cavities, detect fistulas, measure wound depth, locate tracts, and identify the presence of foreign bodies. The rounded, smooth ring end allows safe probing without causing additional tissue trauma. It is commonly used in general surgery, ENT, dental, gynaecological, and veterinary examinations.

SPECIFICATION

- **Material:** High-grade stainless steel
- **Working End:** Circular ring-shaped probe tip
- **Ring Types:** Small, medium, or large ring diameter
- **Handle:** Knurled or smooth for comfortable grip
- **Length:** Typically 14–18 cm
- **Finish:** Satin or polished
- **Usage Type:** Reusable and autoclavable

SIZES

- Length: 14 cm / 16 cm / 18 cm
- Ring Diameters: 3 mm / 5 mm / 7 mm / 10 mm

(Varies by model)

TYPES & SHAPES

- Straight ring probe
- Curved ring probe
- Small ring tip
- Large ring tip
- Dental ring probes

MATERIAL TYPES

- Stainless Steel SS 304
- Stainless Steel SS 316 surgical grade
- Hardened stainless steel (for durable tips)

CATEGORY

- General Surgical Instruments
- Diagnostic Probing Tools
- ENT & Dental Examination Instruments
- Veterinary Diagnostic Tools

PRODUCT FORM

- Stainless-steel probe with ring tip
- Reusable, non-sterile when supplied
- One-piece, lightweight design

USAGE

Human Application:

- Exploring fistulas or sinus tracts
- Checking wound depth
- Detecting foreign material
- Dental cavity examination
- ENT probing
- Measuring tissue pockets

Veterinary Application:

- Exploring sinus tracts in animals
- Locating foreign bodies
- Measuring abscess depth
- General wound probing in small & large animals



★ ADVANTAGES

- Ring tip prevents accidental tissue puncture
- Smooth and atraumatic
- Lightweight, precise control
- Reusable and autoclavable
- Ideal for delicate probing
- Available in multiple ring sizes

⚠ DISADVANTAGES

- Not suited for deep or heavily fibrous tracts
- Cannot cut or dissect tissue
- Limited use in complex surgical procedures
- Requires skill to avoid misdirection

🚫 PRECAUTIONS

- Insert slowly to avoid causing pain or damage
- Use appropriate ring size for accurate assessment
- Sterilise properly before examination
- Avoid bending or forcing the probe
- Inspect ring for distortion before use

📦 HANDLING DETAILS

- Hold from central handle for balance
- Probe gently with circular motion
- Do not apply excessive pressure
- Rinse immediately after use
- Store in padded trays to prevent bending

STERILISATION DETAILS

- Fully autoclavable
- Compatible with EO sterilisation
- Safe for chemical sterilant
- Ensure complete drying to avoid corrosion
- Avoid abrasive scrubbing on the ring tip

HS CODE (Harmonized System Code)

HS Code: 9018 – Medical, surgical, dental, veterinary instruments.

HSN CODE (India)

HSN Code: 9018.90 – Other surgical and veterinary instruments.

FAQ (Frequently Asked Questions)

1. What is a Ring Probe used for?

To explore wounds, sinus tracts, cavities, and detect foreign bodies.

2. Is the ring tip sharp?

No, it is smooth and rounded to avoid tissue injury.

3. Is it reusable?

Yes, it is stainless steel and fully autoclavable.

4. Can it be used for dental or ENT exams?

Yes, ring probes are commonly used in dental and ENT diagnostics.

5. What ring sizes are available?

Common sizes include 3 mm, 5 mm, 7 mm, and 10 mm.