

Proctoscope

Description

A **Proctoscope** is a medical instrument used for visual examination of the anal canal and lower rectum. The superior quality proctoscope is designed with durable materials and precise construction for clear visibility and patient comfort. Available in small, medium, and large sizes, it accommodates different patient anatomies and clinical needs.

Specifications

- **Sizes:**
 - Small: 8 cm length, 1.5 cm diameter
 - Medium: 10 cm length, 2.0 cm diameter
 - Large: 12 cm length, 2.5 cm diameter
- **Material:** Stainless steel or medical-grade aluminium
- **Design:** Smooth, bevelled edges for patient comfort
- **Features:** Transparent or metal barrel, removable obturator for easy insertion
- **Finish:** Polished surface for easy cleaning and sterilization

Sizes & Shapes

- Cylindrical tubular shape with bevelled tip
- Small, Medium, and Large sizes to fit paediatric and adult patients
- Available with or without light attachment ports for illumination

Types

- Rigid Proctoscope (standard)
- Illuminated Proctoscope (with fibre optic or LED light source)
- Disposable plastic or reusable metal versions

Material

- High-grade stainless steel (preferred for reusability and sterilization)
- Medical-grade aluminium (lightweight alternative)
- Disposable variants made from medical-grade plastic

Category

Surgical Instruments → Endoscopy Instruments → Proctoscopes

Product Form

- Individual instruments
- Sets including obturator and light source options
- Sterile or non-sterile packaging depending on customer preference

Usage

- Diagnostic examination of anal canal and rectum
- Biopsy and minor surgical procedures in anorectal region
- Used by proctologists, colorectal surgeons, and gastroenterologists

Advantages

- Superior build quality ensures durability and precise examination
- Multiple sizes accommodate various patient anatomies
- Smooth edges reduce patient discomfort during insertion
- Compatible with illumination for better visibility

Disadvantages

- Rigid design may be uncomfortable for some patients
- Requires proper sterilization between uses to prevent infection
- Larger sizes may not be suitable for paediatric or sensitive patients

Precautions

- Always sterilize before and after use according to protocol
- Use appropriate size based on patient anatomy to minimize discomfort
- Inspect instrument for damage or corrosion regularly
- Handle carefully to avoid injury to patient or damage to instrument

HS and HSN Codes

- HS Code: 9018.39
- HSN Code: 9018

Handling Instructions

- Insert gently with lubrication to reduce patient discomfort
- Remove obturator before visual examination
- Clean and sterilize thoroughly after each use
- Store in protective cases to maintain instrument integrity

Sterilization Details

- Autoclaving at 121°C for 15-20 minutes is standard
- Can also be sterilized with chemical disinfectants if autoclaving not possible
- Avoid abrasive cleaning materials to maintain surface finish

Veterinary Application

- Used for examination of the anal canal and rectal area in animals
- Available in different sizes to accommodate different species and sizes of animals
- Important tool in veterinary proctology and colorectal procedures
- Helps diagnose rectal diseases and perform minor interventions in animals

Human Application

- Essential instrument in human colorectal and anorectal diagnosis and treatment
- Used in routine proctology exams, haemorrhoid assessment, and biopsies
- Available in multiple sizes for adult and paediatric patients
- Often used in outpatient clinics, hospitals, and surgical centres

Frequently Asked Questions (FAQs)

1. **What size proctoscope should be used for children?**
The small size (8 cm length, 1.5 cm diameter) is generally recommended for paediatric patients.
2. **How do I sterilize the proctoscope?**
Standard autoclaving at 121°C for 15-20 minutes is recommended; chemical sterilization is an alternative.
3. **Can the proctoscope be used with light sources?**
Yes, many models have ports for fibre optic or LED illumination.
4. **Are there disposable proctoscope options?**
Yes, disposable plastic versions are available for single use to reduce infection risk.
5. **What precautions should be taken during use?**
Use appropriate size, lubricate before insertion, and ensure thorough sterilization after use.