

SHENYUN

LARYNGEAL MASK AIRWAY (LMA)





PRODUCT TRADING

LARYNGEAL MASK AIRWAY

The laryngeal mask is a disposable or reusable supraglottic device suitable for patients under anesthesia or drug sedation and patients who require emergency artificial ventilation support during first aid and resuscitation. It is inserted into the patient's throat to form an airtight closed channel to ensure the patency of the airway.

■ Features

Medical grade silicone material is used, which has good biocompatibility and durability, and reduces irritation to the patient's airway.

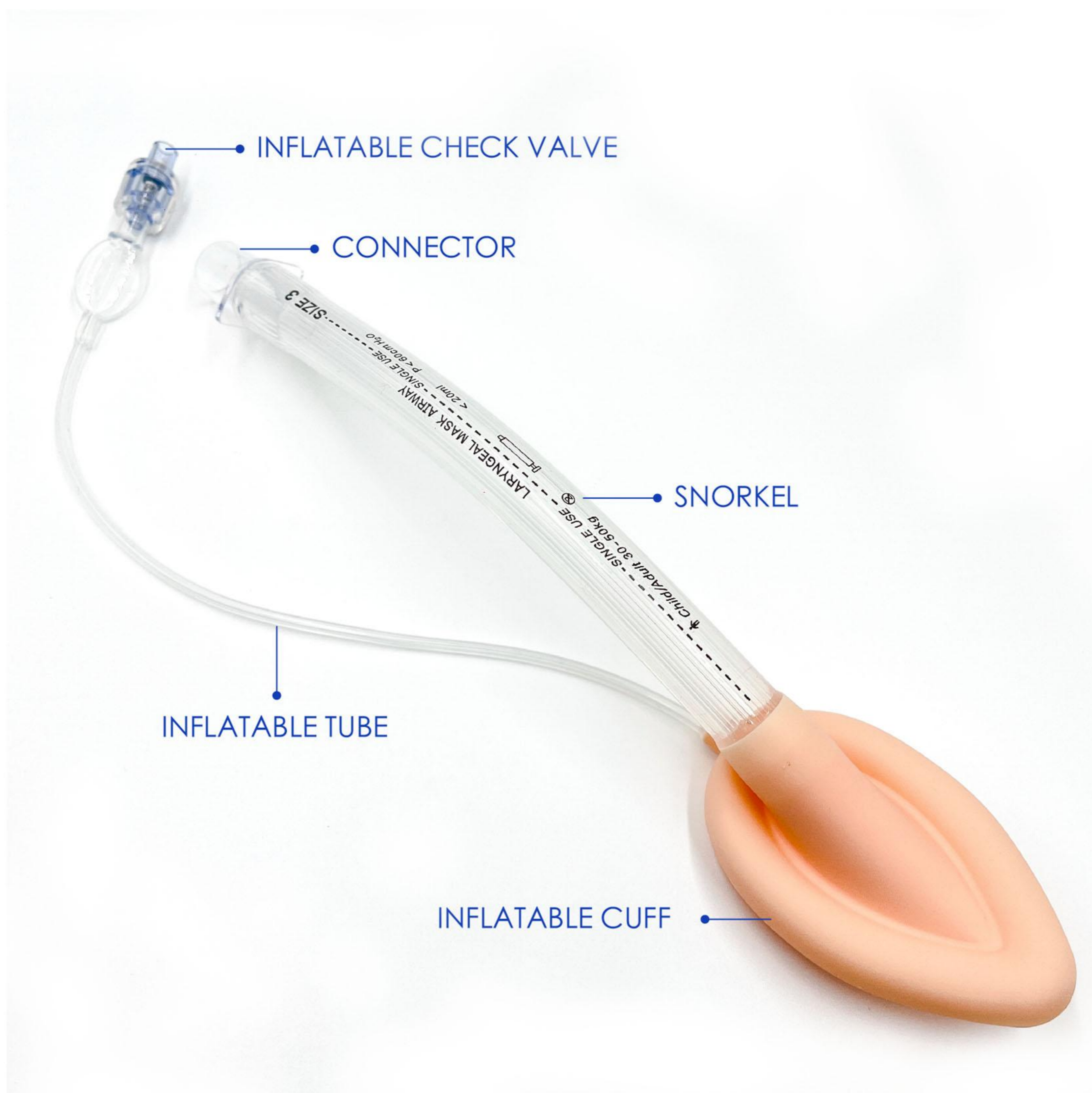
- The cuff is made of soft silicone material to improve the seal with the throat and comfort.
- Disposable or reusable types are available. Reusable silicone laryngeal masks can be reused 40 times through high pressure steam sterilization.
- X-ray opaque line can be used to confirm intubation.

■ Precautions

- Choose the appropriate mask size based on the patient's age, weight, and anatomy.
- Strict disinfection is required before and after use, especially for reusable masks.
- Avoid excessive inflation pressure in the mask airway.
- Avoid contact with sharp objects.
- Recheck that the mask airway is not blocked when the head or neck position changes.

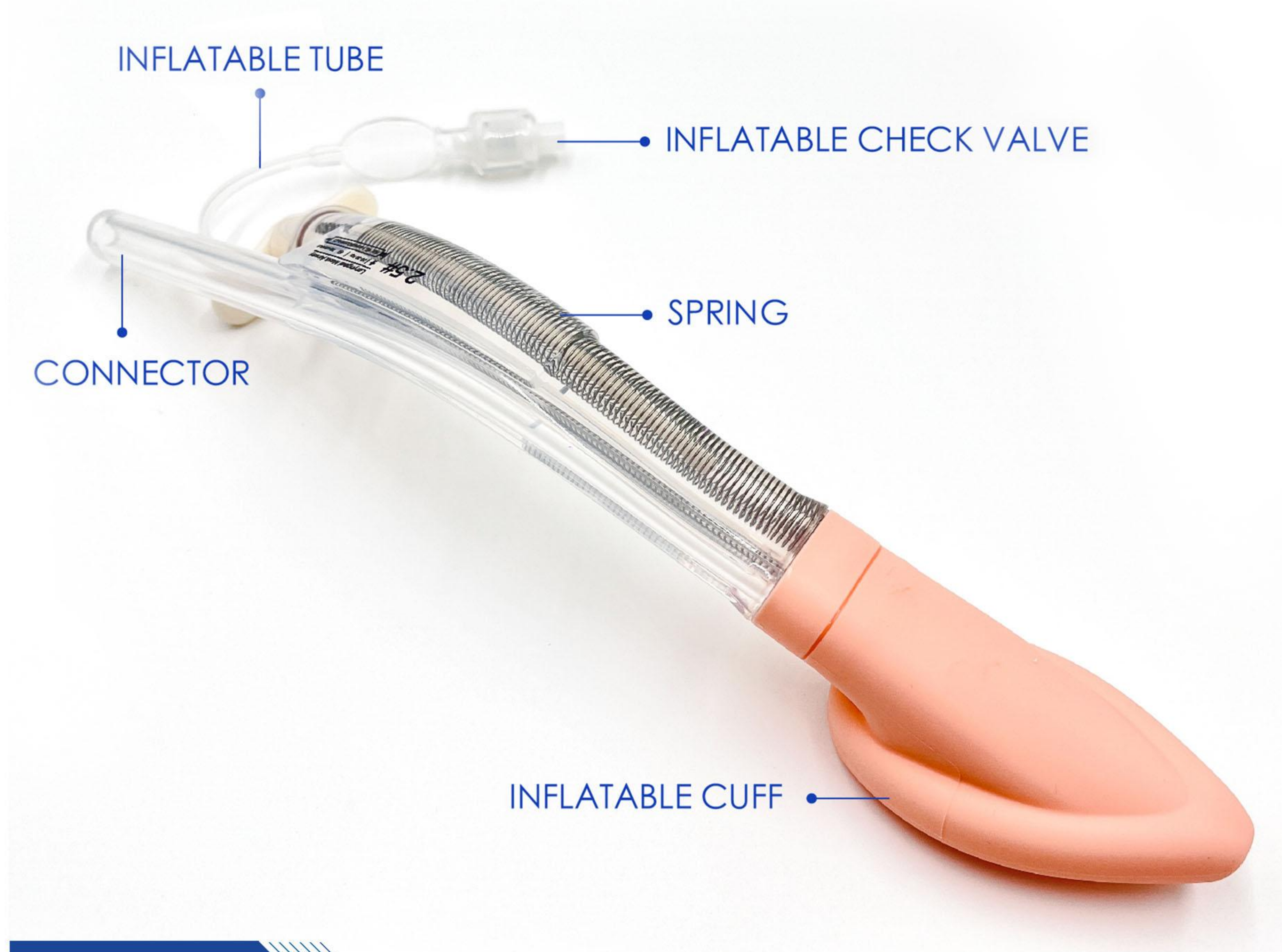
■ product composition

- Airway channel: used for ventilation and supply of anesthetic gas.
- Airbag: located at the end of the laryngeal mask, inflated after being inserted into the throat, so that it fits the pharynx to prevent gas leakage.
- Airbag inflation port: used to inject or release air in the airbag.
- Catheter body: connects the airway channel and the gastric channel, usually made of soft medical silicone.
- Connection port: the interface for connecting the anesthesia machine or ventilator and the suction device.



■ **Double-lumen laryngeal mask**

The double-lumen laryngeal mask adds a channel to the single-lumen one, which is independent of the airway channel and is used for gastric decompression, discharge or drainage of gastric



modle	size	Maximum inflation volume	Type	Patient weight
SY10-01	1.0	4ml	Neonatal	< 5kg
SY10-02	1.5	7ml	Infant	5–10kg
SY10-03	2.0	10ml	Infant	10–20kg
SY10-04	2.5	14ml	Child	20–30kg
SY10-05	3.0	20ml	Child	30–50kg
SY10-06	4.0	30ml	Adult	50–70kg
SY10-07	5.0	40ml	Adult	70–100kg
SY10-08	6.0	50ml	Adult	>100 kg

■ Clinical application

Throat examination

Doctors can clearly observe the vocal cords, glottis, laryngopharynx and posterior pharyngeal wall through the laryngeal mask, which helps diagnose vocal cord polyps, nodules, inflammation, ulcers, paralysis and other diseases.

Therapeutic procedures

Such as removing vocal cord polyps, performing vocal cord biopsy, placing glottic stents, etc. These operations require precise operating skills and correct use of laryngeal mask.

Teaching and training

Reduce costs: Although the unit price of disposable products may be higher, they reduce the cost of sterilization and maintenance, which is cost-effective in the long run.

treatment effect

After treatment, the doctor can use the laryngeal mask to observe the treatment effects, such as the healing of the vocal cords after surgery or the improvement of vocal cord function.

Neuromuscular

For example, in the case of vocal cord paralysis, the recovery of vocal cord function can be assessed by observing the movement of the vocal cords and the opening of the glottis.

Research Use

Laryngeal masks are also used in scientific research, such as studies on vocal cord kinematics or experiments on vocal cord pathophysiology.

