

Medical Cotton Swab

1.Product model/specification and division description

1.1 According to raw materials:

Cotton swab stick is divided into: wooden stick, plastic stick

Cotton swab cotton head is: medical skim cotton

1.2 Product specification / model number

Divits specifications according to its overall length: 6cm、7cm、8cm、9cm、10cm、11cm、12cm、13cm、14cm、15cm、16cm、17cm、18cm、19cm、20cm、21cm、22cm、23cm、24cm、25cm、26cm、27cm、28cm、29cm、30cm、20cm

The above is usually for gynecological cotton swab, cotton head is divided into: single head, double head.

Models are devided according to its minimum packing quantity: Model: 100 root / pack, 90 root / pack, 80 root / pack, 70 roots / pack, 60 root / pack, 50 / pack, 45 / pack, 40 root / pack, 35 / pack, 30 / pack, 25 / pack, 20 / pack, 15 roots / pack, 10 / pack, 8 roots / pack, 5 root / pack, 2 root / pack,

2. performance standard

2.1dimensional requirement

It shall meet the requirements of Table 1

Table 1

spec(cm)	L(cm)	Length tolerance ±(cm)	The diameter of the rod (mm)	The diameter tolerance(mm)	Cotton head weight (g)
6	6	1	2.5/2.3	±0.1	0.06±0.02
7	7	1	2.5/2.3	±0.1	0.06±0.02
8	8	1	2.5/2.3	±0.1	0.06±0.02
9	9	1	2.5/2.3	±0.1	0.06±0.02
10	10	1	2.5/2.3	±0.1	0.06±0.02
11	11	1	2.5/2.3	±0.1	0.06±0.02

12	12	1.5	2.5/2.3	±0.1	0.06±0.02
13	13	1.5	2.5/2.3	±0.1	0.06±0.02
14	14	1.5	2.5/2.3	±0.1	0.06±0.02
15	15	1.5	2.5/2.3	±0.1	0.06±0.02
16	16	1.5	2.5/2.3	±0.1	0.06±0.02
17	17	1.5	2.5/2.3	±0.1	0.06±0.02
18	18	2	2.5/2.3	±0.1	0.06±0.02
19	19	2	2.5/2.3	±0.1	0.06±0.02
20	20	2	2.5/2.3	±0.1	1±0.02
21	21	2.5	2.5/2.3	±0.1	1±0.02
22	22	2.5	2.5/2.3	±0.1	1±0.02
23	23	2.5	2.5/2.3	±0.1	1±0.02
24	24	2.5	2.5/2.3	±0.1	1±0.02
25	25	2.5	2.5/2.3	±0.1	1±0.02
26	26	2.5	2.5/2.3	±0.1	1±0.02
27	27	2.5	2.5/2.3	±0.1	1±0.02
28	28	2.5	2.5/2.3	±0.1	1±0.02
29	29	2.5	2.5/2.3	±0.1	1±0.02
30	30	2.5	2.5/2.3	±0.1	1±0.02

2.1.2 Packaging loading allows ± 5% mechanical count error

2.2 Defat cotton requirements

2.2.1 The quality of skim cotton swab shall meet the requirements of YY / T0330-2015, hold 《the Medical Device Registration Certificate》, and pass the factory inspection conclusion;

2.2.2 Cotton fiber of cotton swab should be soft, white, odorless, no

macular, stains, foreign matter.

2.3 Bar material requirements

The surface of the cotton stick should be smooth, no burr, no stains and foreign matter;

2.4 Cotton head pull out force

Cotton sticky coil should be tight inside and loose outside, can withstand 100g tensile cotton head incomplete fall off;

2.5 Anti-bending performance

The bar shall be able to withstand 200g external force without permanent deformation or breaking phenomenon.

2.6 Sterile

The medical cotton swab shall be sterile after the confirmed sterilization process.

2.7 The residual amount of cycloethane

Medical cotton swabs must be sterilized by ethylene oxide, and the residual amount of ethylene oxide should be less than or equal to 10 ug / g before delivery.

3 Empirical method

3.1 Dimension

Take 30 cotton swabs for general measuring tools or special measuring tools, which shall comply with the provisions of Table 1.

3.2 Skim cotton

3.2.1 Conduct the test according to the corresponding method of YY / T0330-2015, it shall comply with the provisions of 2.2.2 10g of skim cotton swab for visual inspection or nasal smell, which shall comply with the provisions of 2.2.2

3.3 Extrinsic feature

20 cotton swabs shall comply with the provisions of 2.3.

3.4 Cotton head pull out force

Take 10 swabs for tension test, which shall comply with the provisions of 2.4

3.5 Anti-curvature performance

Take 10 cotton swabs, fix both ends, and conduct the tension test on the middle position of the cotton stick with a tension gauge, which shall comply with the provisions of 2.5.

3.6 Sterile

Conduct the test according to the method specified in Chapter 3 of GB / T 14233.2-2005, and the result shall comply with the requirements of Article 2.6

3.7 Ethylene oxide residue amount

Conduct the test according to the method specified in Chapter 9, Chapter 9 or Chapter 10 in GB / T 14233.1-2008, and the result shall comply with the requirements of Article 2.7