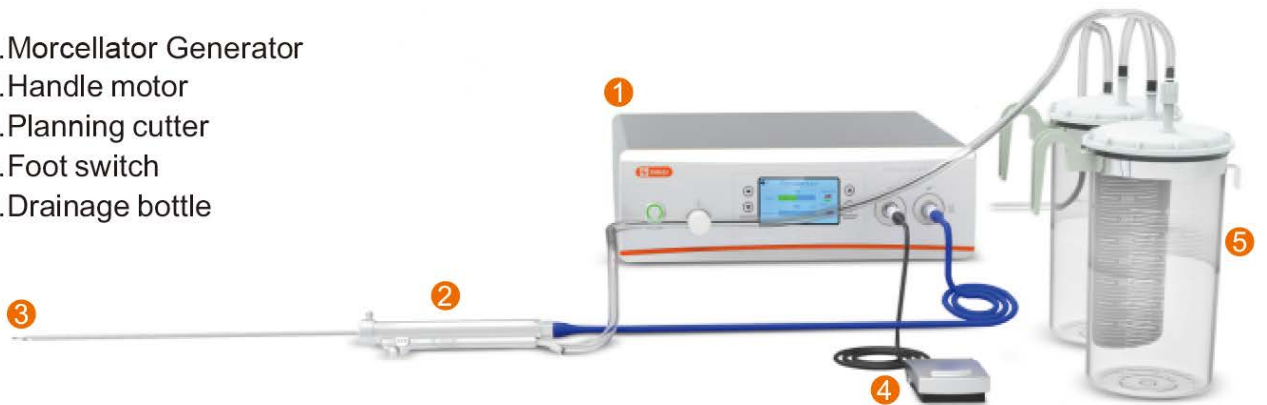


SPS-600 Specification and Parameters

Morcellator System (SPS-600)

1. Morcellator Generator
2. Handle motor
3. Planning cutter
4. Foot switch
5. Drainage bottle



Setting :

No.	Parts	Model	Quantity	Remarks
1	Morcellator	SPS-600	1set	
1.1	Generator	SPS-600G	1pc	
1.2	Handle motor	SPS-601	1pc	
1.3	Blade	SPS-602	2pcs	
1.4	Foot pedal switch	SPS-603	1pc	
1.5	Drainage bottle	SPS-604	2pcs	

Parameters :

1. Morcellator

This product is designed for tissue morcellation during endoscopic surgery.

1.1 Generator (SPS-600G) is energy platform with built-in negative pressure suction device.

*1.2 Handle (motor) SPS-601 for speed output, including operating handle, motor and cable.

It has a silent motor without noise while rotating. The motor handle shell and its inner part can be disassembled for cleaning, disinfection and sterilization, which can protect the motor and extend the service life.

1.3 Blade SPS-602 ($\varnothing 4.8 \times 360\text{mm}$)

*1.4 Foot pedal switch SPS-603, two gears, single pedal control switch

1) Gear 1: Half step on the foot pedal is the suction only mode, to avoid accidental cutting. The suction only function can quickly suck with negative pressure and keep the surgical field with clear vision, and also fast attract the target tissue to the blade head for cutting;

2) Gear 2: Fully step on the foot pedal to keep the suction function open and start the suction and morcellation.

1.5 Classification of medical device: Class IIb

1.6 External power supply: AC110V-240V 50Hz (Fuse T3.15AH250V)

1.7 Input power: 300VA

1.8 Safety type: Class I, type BF application part

*1.9 Output speed: 300 ~2100 r/min

1.10 Speed range: Gear 1~ 10

1.11. Maximum negative pressure ≥ 80 kPa

1.12 Suction flow $\geq 400\text{mL}/\text{min}$

1.13. Blade specification: $\varnothing 4.8 \times 360\text{mm}$ (including inner blade and outer blade)

1.14 Motor rotation mode ① Single direction rotation; ② Reciprocating rotation.

Based on operation situation, the rotation mode can be changed by mode selection on main panel of the generator to improve the operation efficiency.

1.15 No load reciprocating frequency: 70 ~ 110 times / min

1.16 Rated load torque: 50 m N.m

1.17 Noise: < 65 dB

2. Drainage bottles and overflow bottle

2.1 Two 4L drainage bottles are designed to collect the removed tissue and waste saline. It has overflow prevention function to protect the suction liquid and tissue from overflowing into the generator;

2.2 Overflow bottle is designed to prevent waste liquid from flowing back into the device and protect the generator.

3. Generator weight 10KG; Size 410×410×150mm.

Note: the parameters marked with " * " are key technical parameters.

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