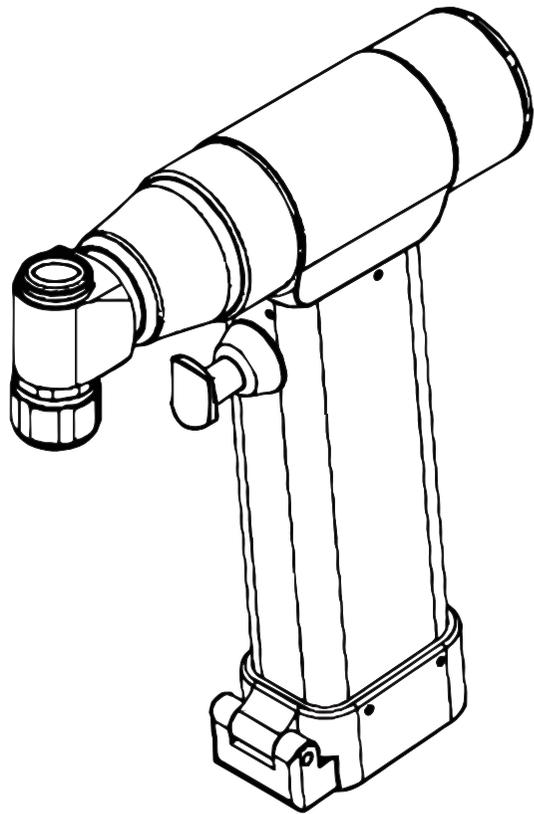
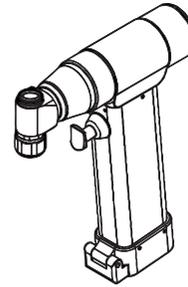


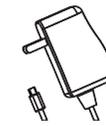
Medical oscillating saw instruction manual



Overview



NS-2015



charger×1



battery×2



sterilizing
channel×2

Specification

NS-2015

Operating Instruction

Performance Parameter

Swing frequency	0-18000cpm
noise	=75dB(A)
Angle	4°
Clamping force	=100N

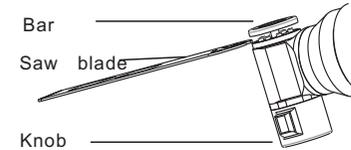
Working Parameter

Multifunction handpiece		charger		Battery	
work voltage	7.4V	input voltage	100-240V	voltage	7.4V
output voltage	80W	output voltage	0-14V	charger time	≈2h
unit rise of temperature	≤20℃	input power	23W		

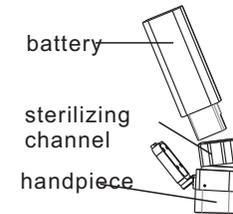
Identification description

Icons	description	Icons	description
	short time working		lock
	II type equipment		unlock
	B type equipment	Open	Open

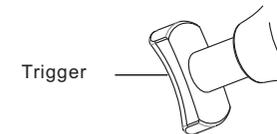
Operating instruction



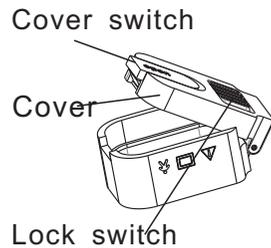
when installing the saw blade, please rotate the knob clockwise to open the bar, put the saw blade in 7 holes and rotate the knob counter-clockwise



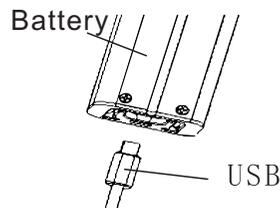
- battery can not touch handpiece directly.
- remove battery cover, holding the battery with sterilizing channel, insert the battery.



The rotation speed of drill saw can be controlled by how hard the trigger is squeezed. Squeeze the trigger fully for the fastest speed and squeeze it lightly for the slowest



- a. Turn off the lock switch by pushing OPEN when inserting battery.
- b. Close battery cover after inserting battery and then lock the switch.



- a. During charging, please ensure to put the USB connector at the right position.
- b. If the charger standby, both two lights are green. If the battery is in charger, one light is red and the other is green. once the battery is full charged, the red light will turn to be green.

Test operation

After inserting battery, turn the switch to the L position and press the trigger, the drill rotates counter-clockwise. turn the switch to R, drill rotates clockwise, drill can be used normally in this situation, or else, please contact with after-sales to repair.

Attention

1. Please ensure the installation of saw blade is ok, not allowing cracks, uneven, etc.
2. Saw blade installation screw must be screwed back in place, in order to ensure that the saw blade is installed securely.
3. Check the drill bits to ensure they are running straight before procedure. If there is any movement away from the center of the drill, the bits should be replaced. Check the drill bits are sharp, if not they should be burnished. The drilling should be fixed firmly and hand can not shake according to conventional.
4. The drill bits should be fixed tightly and securely. A special chuck key can help to lock the drill bits into place to avoid accidents happen. Drill saw and accessories should be placed in dry condition to avoid getting rusty.
5. The battery can not be sterilized by high temperature, high pressure and can not be left in the handpiece of extended periods of time. If the handpiece loses power during the operation and stops running, replace the battery immediately.
6. If there is abnormal noises during use, stop the use of the product and contact the manufacturer for maintenance.
7. This product is a medical instrument, and must only be operated by a competent person with a relevant technical experience and training.

Risks analysis

1. Cutting tools not be installed properly:operation instruction manual.
2. Battery invalid:check battery at regular intervals.
3. Battery not charged:charged battery before use.
4. Battery not fully charged:check if the battery is fully charged before use.

After-sales care and notes

1. The device is tested rigorous according to corporate standards before delivery.If any quality problem,we promise for implementation of Three Guarantees.
2. Please check the complete set of the device carefully after receiving it.
3. The device shall not be demolished by non professionals.If any problem,please contact with after-sales service.

Disinfection and Transportation

disinfection methods	temperature	time	dry	remark
low temperature plasma sterilization	35°C-45°C	35mins		recommended
high temperature steam sterilization	121°C-123°C	50mins	8mins	

Transport and storage conditions	Ambient temperature range	-10°C ~ +40°C
	Relative humidity range	≤90%
	Atmospheric pressure range	500hPa ~ 1060hPa
Equipment operating conditions	Ambient temperature range	5°C ~ 40°C
	Relative humidity range	≤70%
	Atmospheric pressure range	860hPa ~ 1060hPa
	Charger power supply	220V±10% ; 50Hz±1%
	The host power supply (DC)	5.76 ~ 17.28V

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