

## Medical Electric drill and saw-Oscillating saw: NS-1011

Two colors available (silver & black)



### 1. Technical data

handpiece	Working voltage	14.4V
	Output power	≥20W
	Unit rise in temperaure	≤20°C
charger	Input voltage	AC220V,50Hz
	Output power	14.4V, 900mA
	Input power	30VA
Battery	voltage	14.4V
	Charging time	About 3 hours
Oscillating saw	Output voltage	95W
	frequency	0-18000rpm
	noise	≤75dB

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## 2. Standard configuration

One saw unit  
One charger  
Two batteries  
Two asptic battery transfer rings  
Three oscillating saw blades  
One instruction manual  
One Aluminum case

## 3.Application

For application in hip & knee joint surgery

## 4.Technical Merits

- 1):Can be sterilized up to 135 centigrade
- 2):Can be connected by all kinds of the acetabulum burnishing tools and Medullary cavity expanding tools
- 3): Low rotating speed for the operator and better control polishing.
- 4):High concentricity ensure the precision of polishing acetabulum in HIP operation.
- 5):Large torsional moment to give more powerful polishing.
- 6):Used for joint surgery and acetabulum polishing with Low speed, high torque

## **Total set:**





**Saw blades:**



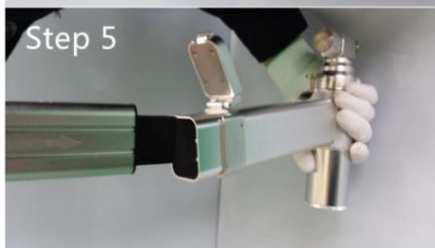
**Battery of 14.4V**



**Charger**

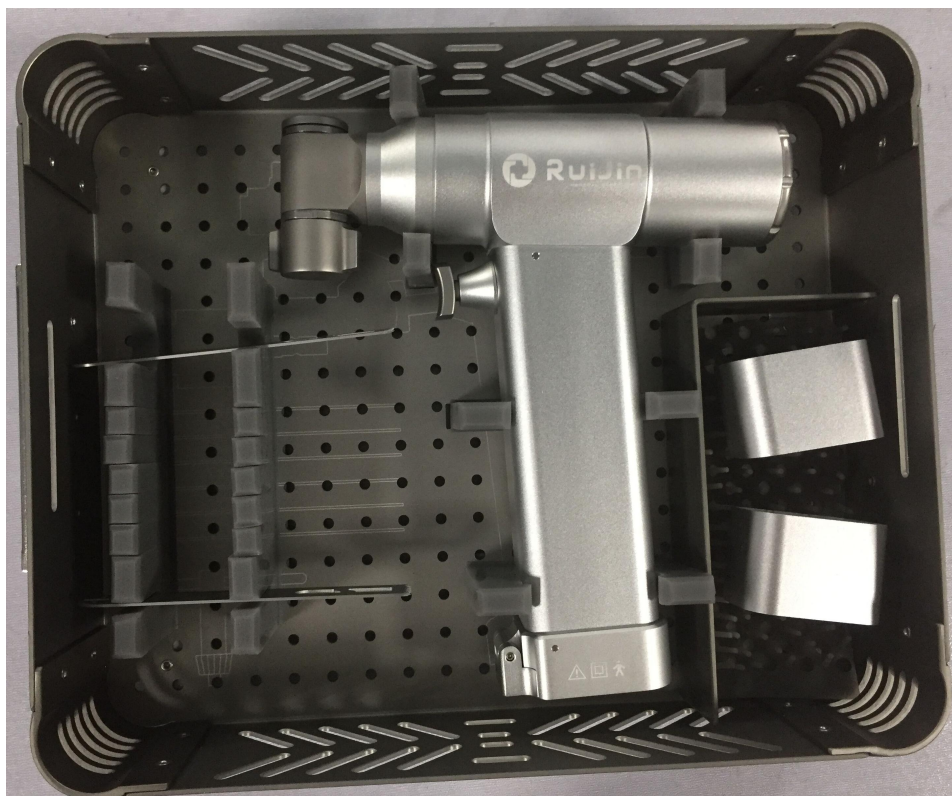


**Aspetic battery transfer rings**





**Oscillating saw with sterilization case:**





**Aluminum case:**



**Application and Feature:**

Electric surgical drill&saw is one of power tools widely used in orthopedic operation. Gradually replaced traditional industrial drill and saw,it can be autoclaved up to 135℃ high temperature and 1.6Mpa high pressure. Some of bacteria can be killed by high temperature and pressure,fumigating can not do. Meanwhile,it can shorten sterilization time. Under high temperature and high pressure,just need 20 minutes,win the valuable time for the patient.The device is optional,good looking,small size,light weight,no wires,easy to carry,safe operation.

**Composition:**

Battery operated surgical drill&saw is made of main hand piece, charger,battery. The whole outer skin of the hand piece is sealed. Charger is not a medical electric device.