

## Medical Electric drill and saw-Canulate drill (ND-2011)



### 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.

### Main Technical Data:

Hand Piece	Working Voltage	14.4V
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Address/Tel/Fax: No.33, EastWanchun Road, Wuhu Economic & Technology Development Zone, Wuhu Anhui China;

Tel: 86-553-2672511 Fax: 86-553-2672510 Cellphone: +86 13675533452 Contact person: Amy Xi

Website: [www.whruijin.com](http://www.whruijin.com)

	Output Power	≥20W
	Unit rise in temperature	≤25℃
Charger	Input Voltage	AC 220V, 50Hz
	Output Power	14.4V, 900mA
	Input Power	30VA
Battery	Voltage	14.4V
	Charging time	About 3 hours

## 1. Technical data

handpiece	Working voltage	14.4V
	Output power	≥20W
	Unit rise in temperature	≤20℃
charger	Input voltage	AC220V,50Hz
	Output power	14.4V, 900mA
	Input power	30VA
Battery	voltage	14.4V
	Charging time	About 3 hours
Canulate drill	Output voltage	100W
	torque	12.5/7.5N.m
	Rotating speed	0-650/1000rpm
	noise	≤45dB

## 2. Standard configuration

One drill unit  
One charger  
Two batteries  
Two aseptic battery transfer rings  
One drill chuck key  
One instruction manual  
One Aluminum case

## 3.Application

Holds K-wires or be used in intramedullary interlocking nail surgery or arthroscopic surgery .

## 4.Technical Merits

### Notes:

- 1):Axial run-out of concentricity is within 0.05mm
- 2):Rotating speed : 0-650/1000 rpm for choices
- 3):Rotated torque 12.5N.m/ 7.5N.m
- 4): interface adapt to various drill
- 5):Semi-luser surface gives comfortable feel
- 6): Full sealed motor can be sterilized up to 135 °c
- 7):Multipurpose interface is easier to use in clinic
- 8): 4.0mm hollow for all brand needles to pass through
- 9): NI-MH battery without memory environment
- 10):Autoclavable

**Drill unit:**

**Dual functional （drill chuck removable） (AO, Stryker, Hudson etc interface available)  
K wire adapter is also available**





**Drill chuck & Key:**

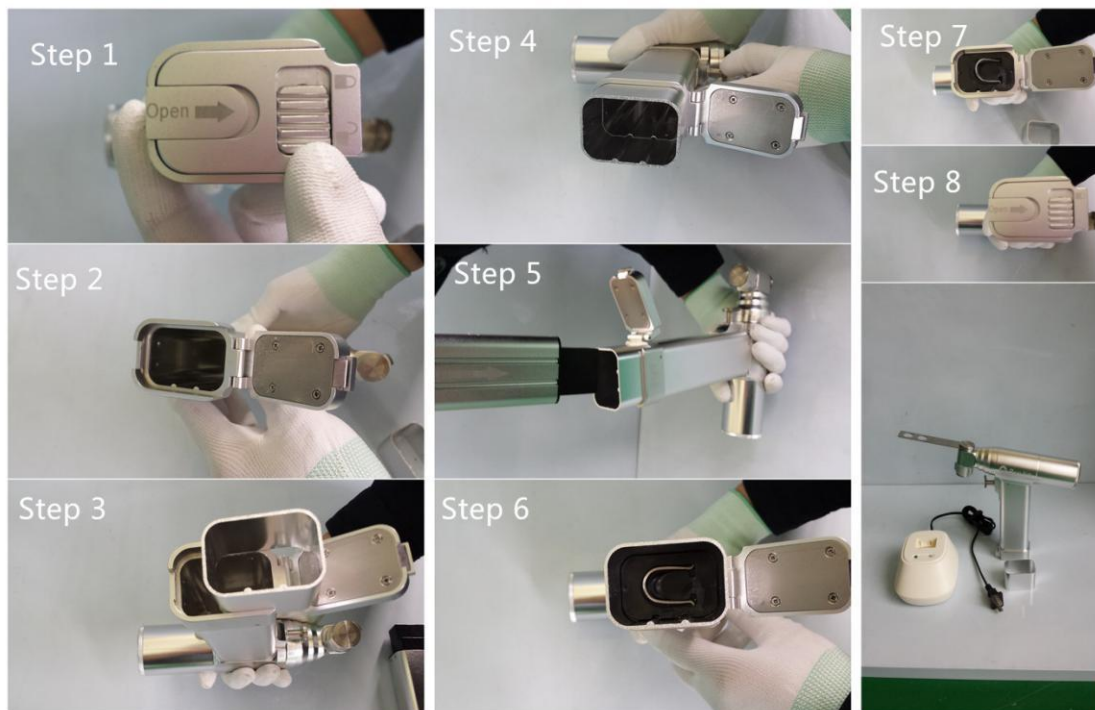
**Battery of 14.4V**



**Charger:**



**Asptic battery transfer rings:**







Sterilization case is additionally charged:

