



Wuhu Ruijin Medical Instrument & Devices Co.,Ltd

Add:33rd, East Wanchun Road, Jiujiang District,Wuhu City,Anhui Province,China.


Website:www.whruijin.com

Email:wendy@whruijin.cn

Tel:+86-553-2672510

FAX: +86-553-5223846

● Multifunctional drills saws system

Product Name	Model No.	Port	Picture
Multifunctional drills saws(9pcs drills saws attachment available)	NM-100	SHANGHAI	

Technical Data:

Input Voltage 220V/50HZ or 110V/60HZ

Frequency > 15000rpm

Speed (drill) >600rpm

Speed(acetabulum burnishing drill) >130rpm

Torque (quick chuck) >7500G/C

Torque(reamer) >33000G/C

Torque(Hollow drill) >11200G/C

Unit rise in temperature ≤25°

Noise ≤ 78dB

Standard configuration:

Qty(pc)	Item name
1	Multifunctional hand piece
1	Sternum saw attachment
1	Oscillating saw attachment
1	Cannulated drill attachment
1	TPLO saw attachment
1	Quick chuck attachment
1	AO coupling attachment

1	Craniotomy drill attachment
1	Craniotomy mill attachment
1	Hip joint drill attachment
1	Perforator bur
2	Saw blades
2	TPLO saw blades
2	Sternum saw blades
2	Mill blades
1	high-temperature cover
2	batteries
1	charger
2	Jacobs Drill chuck with key
2	Sterilizing transfer kits
1	Aluminum case packing
1	Outside carton box packing

Technical Merits

10 Attachments

Canulated drill	527g
Sternum saw	365g
oscillating saw	290g
Cranial mill	186g
Quick chuck	342g
Acetabulum burnishing drill	408g
Cranial drill	361g
TPLO saw	315g
AO quick coupling	340g

1:Mainframe is made of Aluminium,lightweight,durable,long working time,the assecories can be selected freely by different operation.

2:quick chuck : Imported chuck ensures outstanding performance during operation,

3:Sternum saw:Both 360°rotating head and blade guard can protect
Soft tissue around sternum

4:Craniotomy mill: 40000r.p.m rates assures fast,efficient and safe process in craniotomy

5:oscillating saw : 360°rotating head can be applied to any surgical
Sites.Wrenchless collect allows for easy,fast and safe loading and unloading blades

6:reamer : Hi-torque,ideal for acetabulum or medullary operation
Available to all brands mill universal

7: wire and pin chuck : with a canula diameter 4.0mm applide to various intramedullary pin or kirschner
pin fixing opration easily and convenientiy

8:cranial drill :Auto-pause offer perforation ensures safety in neurosurgery.

9:Highest quality

10:Perfect ergonomic design

11:can meet different kinds of surgery operation

4:mainframe

Multifunctional drill with a comprehensive range of quick change
attachments assembled in one full functional handpiece,affort surgeon a convenient.

1:handpiece can drive a variety quick connects

2:attachments can be assembled and disassembled easily

3:360°rotating

4:the mian components are made of high-strength stainless steel

5:135 centigrade autoclavable

6: NI-MH battery without memory environment

7:Autoclavable

Details pictures:

Full set with aluminum case packing



Attachments:

NM1-1001 Jacobs Quick chuck x1

Speed: 0-1200 rpm, Gripping range: 0.8mm-8mm



NM1-1021 AO coupling attachment x 1

Speed: 0-1200 rpm, Gripping range: 0.8mm-8mm



NM1-3011 Hip joint drill attachment x 1

Speed: 0-300 rpm



NM1-2001 Cannulated drill attachment x 1:

Speed: 0-650 rpm, Gripping range: 0.8mm-8.0mm



NM1-4011 Craniotomy drill attachment x 1:

Speed: 0-900 rpm



NM1-S091 Craniotomy drill attachment x 1:

Speed: 0-36000 rpm



NM1-S032 Sternum saw attachment x 1:

Osc: 0-15000osc/min.



NM1-S011 Oscillating saw attachment x 1:

Speed: 0-18000 rpm



NM1-S0511 Oscillating saw attachment x 1:

Speed: 0-18000 rpm



Cleaning and Sterilizing:

★ **Note:** battery can not be sterilized by high temperature and high pressure.

1: Sterilizing:

Place the hand piece on the stainless steel mesh rack 135°C high temperature sterilization for 20 minutes.

2: Cleaning:

The surface of the Hand piece can be cleaned by gauze with water or alcohol, then store it.

Sterilization Suggestion(for Hand Piece):

Method	Temperature	Time	Dry
Quick without cloth	129°C~134°C	10min	8min
Vacuum with packing cloth	129°C~134°C	4min	8min
100%100% ethylene oxide with cloth	49°C~57°C	2hours30min	Ventilate 8 hours
270F steam with cloth	129°C~134°C	35min	8min
270F steam with cloth	121°C~123°C	50min	8min


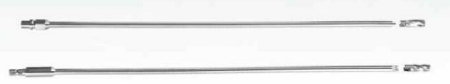
All above are included in standard set, we would like to show some related accessories as below for more options.

1. Sterilization tray



2. Flexible reamer:

With Stryker connection and Large AO connection for optional.

<p>Fixed head type, sharp cutting edge</p>  <p>Size: ø7.0, ø7.5, ø8.0, ø8.5, ø9.0, ø9.5, ø10, ø10.5, ø11, ø11.5, ø12, ø12.5, ø13, ø13.5, ø14, ø14.5, ø15</p> <p>Shaft: 440mm length</p>	<p>Detachable head, sharp cutting edge</p>  <p>Head Size: ø7.2, ø7.5, ø8.0, ø8.5, ø9.0, ø9.5, ø10, ø10.5, ø11, ø11.5, ø12, ø12.5, ø13, ø13.5, ø14, ø14.5, ø15</p> <p>Shaft size: ø7.0mm, 440mm length</p>
--	---

2. Acetabulum reamer & shaft


With Stryker connection, Large AO and Hudson for optional.



Size: $\varnothing 33$, $\varnothing 36$, $\varnothing 38$, $\varnothing 40$, $\varnothing 42$, $\varnothing 44$, $\varnothing 46$, $\varnothing 47$, $\varnothing 48$, $\varnothing 49$, $\varnothing 50$, $\varnothing 51$, $\varnothing 52$, $\varnothing 53$, $\varnothing 54$,
 $\varnothing 55$, $\varnothing 56$, $\varnothing 57$, $\varnothing 58$, $\varnothing 60$, $\varnothing 62$, $\varnothing 64$

Shaft: 318mm length.

3. Drill bit

Twist drill bit	AO quick chuck drill bit	Quick release drill bit	Cannulate drill bit
 <p>normal drill bits</p>	