SHANGHAI
BOJIN-MEDICAL
Surgical Power Tools
Products Catalog

BJZ-1
BJ4303B
Dual function canulate drill
For trauma operation

www.bojin-medical.com
SYSTEM 4300

- Separate battery design.
- Sealed battery sterilization container.
- Temperature control switch.
- Ergonomic design.
- Light weight hand piece.

BJJ-1
BJ4301
Sagittal saw
For joint operation

BJZ-1
BJ4307B
Dual function acetabulum reaming drill
For joint operation

BJ43001 Battery
BJ43002 Charger
BJ43003 Battery sterilization container
BJ43004 Aseptic transfer kit
BJ43002-4B Multi-function charger

Double-layer sterile case
SYSTEM 1400

- High quality, excellent performance.
- Perfect made, portable, low noise.
- Stable power, easily operating.
- Portable and lightweight variable speed.
- 135°C autoclavable.

BJJ-1
BJ1401
Sagittal saw
For joint operation

BJZ-1
BJ1402
Bone drill
For trauma operation

BJZ-1
BJ1403B
Dual function
canulate drill
For trauma operation

BJ1107B1
BJ1107D1
[Φ36-Φ64]
Acetabulum reamer

BJ1107B1T/BJ1107D1T Detachable and lengthened

BJZ-1
BJ1407B
Dual function
acetabulum reaming drill
For joint operation

BJ14002 Charger
BJ14001 Battery
BJ1005 Key
BJ14004 Aseptic transfer kit
SYSTEM 1000

- Portable and lightweight, durable.
- Variable speed, convenient.
- High coaxiality, low noise.
- Motor imported from Germany, more powerful.
- 135°C autoclavable.

BJJ-1
BJ1101
Sagittal saw
For joint operation

BJZ-1
BJ1102
Bone drill
For trauma operation

BJZ-1
BJ1102A
Dual function bone drill
For trauma operation

BJZ-1
BJ1102SAO
Ao drill
For trauma operation

BJZ-1
BJ1103B/D
Dual function canulate drill
For trauma operation
BJZ-1
**BJ1104**
Cranial drill
For cranial operation

BJZ-1
**BJ1105**
Cranial bur
For cranial operation

BJZ-1
**BJ1107B/D**
Dual function
acetabulum reaming drill
For joint operation

BJJ-1
**BJ1108**
Overhaul saw
For second time
thoracic operation

BJJ-1
**BJ1103**
Canulate drill
For trauma operation

BJJ-1
**BJ1106**
Sternal saw
For joint operation

BJJ-1
**BJ1109**
Reciprocating saw
For joint operation

BJ1001 Battery
BJ1002 Charger
BJ1003 Lid
BJ1004 Aseptic transfer kit
BJ1005 Key
BJ1002-4 Multi-function charger
SYSTEM 4000

- Ergonomic design.
- New motor imported from Germany with strong and stable output.
- The main components are made of high-strength stainless steel.
- High proper alignment, low noise.
- 155°C autoclavable.

BJJ-1
BJ4101
Sagittal saw
For joint operation

BJJ-1
BJ4102
Bone drill
For trauma operation

BJZ-1
BJ4102A
Dual function bone drill
For trauma operation

BJZ-1
BJ4102SAO
AO drill
For trauma operation

BJZ-1
BJ4103B/D
Dual function canulate drill
For trauma operation
BJZ-1
BJ4104
Cranial drill
For cranial operation

BJZ-1
BJ4105
Cranial bur
For cranial operation

BJZ-1
BJ4107B/D
Dual function acetabulum reaming drill
For joint operation

BJJ-1
BJ4108
Overhaul saw
For second time thoracic operation

BJZ-1
BJ4103
Canulate drill
For trauma operation

BJJ-1
BJ4106
Sternum saw
For joint operation

BJJ-1
BJ4109
Reciprocating saw
For joint operation

BJ4001
Battery

BJ1002
Charger

BJ4003
Lid

BJ4004
Aseptic transfer kit

BJ1005
Key
SYSTEM 6000

- Excellent torque for prosthesis replacement surgery.
- Motor imported from Germany, can provide the best speed and power.
- Optional external power supply system.
- Multi-function: 155°C autoclavable, single-function: 135°C autoclavable.
- Single and multi-function mode for your selection.

BJJ-1
BJJ6101
Sagittal saw
For joint operation

BJZ-1
BJ6107B
Dual function acetabulum reaming drill
For joint operation

BJ6001
Battery

BJ6004
Aseptic transfer kit

BJ6002
Charger

BJ1005
Key

BJZ-1
BJ6103B
Dual function canulate drill
For trauma operation

BJ6200
Multi-function handpiece

BJ6201 Sagittal saw attachment
BJ6203 Canulate drill attachment
BJ6207B Acetabulum reaming drill attachment

BJ6006
Power console

BJ6007
Connection wire
SYSTEM 8000

- Mini handpiece, suitable for hand and foot surgery.
- Enhanced configuration-specific micromotor imported from Germany.
- Saw blades can be assembled and disassembled easily by quick locking device.
- Very low noise, provides a quiet surroundings for surgery.
- Multi-function: 155°C autoclavable, single-function: 135°C autoclavable.

BJ8201 Sagittal saw attachment

BJ8202 Bone drill attachment

BJ8203 Canulate drill attachment

BJ8202SA0 AO drill attachment

BJ8209 Reciprocating saw attachment

BJ8213 K-wire drill attachment

BJ8200 Multi-function handpiece

BJ8001 Battery

BJ8002 Charger

BJ2003 Lid

BJ1004 Aseptic transfer kit

BJ8005 Key

BJJ-1 BJ8101 Sagittal saw For joint operation

BJZ-1 BJ8102 Bone drill For trauma operation

BJZ-1 BJ8113 K-wire drill For trauma operation A[0.8-2.0mm], B[2.0-3.2mm]

BJZ-1 BJ8103 Canulate drill For trauma operation
SYSTEM 2000

- Handpiece can drive a variety of quick attachment.
- Attachment can be assembled and disassembled easily.
- 360° rotating.
- The main components are made of high-strength stainless steel.
- 135°C autoclavable.

BJJZ-1
BJ2100
Multi-function handpiece
BJ2101 Sagittal saw attachment
BJ2101S Sagittal saw attachment
BJ2102 Bone drill attachment
BJ2102SAO Ao drill attachment
BJ2103 Canulate drill attachment
BJ2103B Canulate drill attachment
BJ2103D Canulate drill attachment
BJ2104 Cranial drill attachment
BJ2105 Cranial bur attachment
BJ2106 Sternum saw attachment
BJ2107 Acetabulum reaming drill attachment
BJ2107B Acetabulum reaming drill attachment
BJ2107D Acetabulum reaming drill attachment
BJ2109 Reciprocating saw attachment
BJ2110[1.5NM] Torque limiter attachment
BJ2111[4NM] Torque limiter attachment
BJ2112 TFLO attachment

BJ1001 Battery
BJ1002 Charger
BJ2003 Lid
BJ1004 Aseptic transfer kit
BJ1005 Key
SYSTEM 4200

- Ergonomic design.
- New motor imported from Germany with strong and stable output.
- The main components are made of high-strength stainless steel.
- High proper alignment, low-noise.
- 155°C autoclavable.

BJJZ-1
BJ4200
Multi-function handpiece
BJ4201 Sagittal saw attachment
BJ4202 Bone drill attachment
BJ4203B Canulate drill attachment
BJ4203D Canulate drill attachment

BJ4207B Acetabulum reaming drill attachment
BJ4207D Acetabulum reaming drill attachment
BJ4202SAO Ao drill attachment
BJ4213A K-wire drill attachment
BJ4213B K-wire drill attachment

Main Accessories
BJ4001 Battery
BJ1002 Charger
BJ4003 Lid
BJ4004 Aseptic transfer kit
BJ1005 Key
Portable X-ray Fluoroscopy Instrument

- High gain, high sensitivity, and high resolution image intensifier, offer you newer visual feeling.
- Can work at any time without the darkroom and protecting.
- Low radiation dose, reliable protection simple structure, small volume and light weight, both can be handheld and used on the table, it’s very convenient to handle.
- Can connect with monitor and computer.

BJI-1 can connect with computer, save image and video.

Application:
- It’s a necessary tool for the surgeon, no matter where the surgeon is, both in the hospital and go one’s rounds, or emergency treatment, wardround, repeat examination during operation, thanks to the small volume and lightweight, makes working with easy-to-use control. It also plays an important assistant role and provide great efficiency in fracture application: fusion, fixing, thread a needle, pick out foreign objective, especially install intramedullary nail and fix supporting equipment.
- X-ray inspection for infant; check the women’s birth control ring.
- The wounded treatment in sporting field, construction site, ocean-going vessel, remote area and army training locale.
- Widely used in scientific research, experiment, engineering, educational and scientific equipment.
- Veterinary use.
- Safety inspection in airport; post inspection.
- Industrial crack detection.
### Portable X-ray Fluoroscopy Instrument

#### Specifications:

<table>
<thead>
<tr>
<th>Field of vision</th>
<th>Screen Brightness</th>
<th>Leaking ray</th>
<th>Scattered ray</th>
<th>Power supply</th>
<th>Imaging resolution</th>
<th>Contrast</th>
<th>Grey scales</th>
</tr>
</thead>
<tbody>
<tr>
<td>Φ50-100mm</td>
<td>&gt;20cd/m²</td>
<td>&lt;2.58X10⁻³°C·Kg⁻¹·H⁻¹</td>
<td>&lt;1.29X10⁻³°C·Kg⁻¹·H⁻¹</td>
<td>AC110-250 50Hz or 12V</td>
<td>50 LP/cm</td>
<td>&lt;4%</td>
<td>7</td>
</tr>
</tbody>
</table>

#### Type Details:

<table>
<thead>
<tr>
<th>Type</th>
<th>Maxi objective thickness</th>
<th>Current</th>
<th>Tube voltage</th>
<th>Power consumption</th>
</tr>
</thead>
<tbody>
<tr>
<td>BJI-1Z</td>
<td>180mm</td>
<td>0.1mA</td>
<td>55KV</td>
<td>35VA</td>
</tr>
<tr>
<td>BJI-1Y</td>
<td>200mm</td>
<td>0.05mA</td>
<td>60KV</td>
<td>40VA</td>
</tr>
<tr>
<td>BJI-1X</td>
<td>280mm</td>
<td>0.2mA</td>
<td>65KV</td>
<td>45VA</td>
</tr>
<tr>
<td>BJI-1W</td>
<td>240mm</td>
<td>0.05mA</td>
<td>65KV</td>
<td>40VA</td>
</tr>
<tr>
<td>BJI-1V</td>
<td>280mm</td>
<td>0.5mA</td>
<td>80KV</td>
<td>55VA</td>
</tr>
<tr>
<td>BJI-1P</td>
<td>140mm</td>
<td>0.15mA</td>
<td>60KV</td>
<td>50VA</td>
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<tr>
<td>BJI-1J</td>
<td>300mm</td>
<td>0.5mA</td>
<td>80KV</td>
<td>70VA</td>
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<tr>
<td>BJI-1J2</td>
<td>300mm</td>
<td>0.5mA</td>
<td>80KV</td>
<td>70VA</td>
</tr>
</tbody>
</table>
SYSTEM 3000

- Microtype surgical power tools
- Various functions, a wide range of applications.
- Attachments can be assembled and disassembled rapidly.
- Strong power, easily operating.
- 135°C autoclavable.

BJWJZ-1
BJ3001
Power console [BJ3100 NA]

BJ3202 Straight attachment
BJ3203 Angled attachment
BJ3205 High-speed milling attachment
BJ3309 Reciprocating saw attachment
BJ3301 Sagittal saw attachment
BJ3002 Pedal switch

BJWJZ-1
BJ3300
High-torque electric handpiece

BJWJZ-1
BJ3200
Electric handpiece

BJWJZ-1
BJ3100
Air handpiece
BJK Fracture Therapeutic Instrument

- Treating object under the splint & plaster fixing or outside fixing situation.
- Automatic adjust with electromagnetic field by frequency and amplitude modulation the treatment with the living character.
- Priest focal electromagnetic design enhances the efficiency.
- Digitally control, easily operating safe and reliable, without side-effect.
- Alternating electromagnetic field frequency and intensity of sub-file selection, for the purpose of the needs of different treatment.

BJK-2

Application:
- Defumescence, diminish inflammation and ease.
- Treat the indolence of the bone, bone break, patella intenerate, arthrosis and parenchyma scathing.
- Obviously improve the symptom of thigh bone putrescence for lacking of blood.
- Accelerate the growth of the bone and concrescence of the bone.
Medical Tools

- High-strength stainless steel ensures intraoperative safety.
- The numerous choices in blade thickness and style allows the surgeon to tailor the equipment to the specific surgical needs, resulting in a more accurate and efficient procedure.
- Specially designed tooth pattern on the saw blades ensure minimum contact pressure to achieve great accuracy, reduce heat buildup, and thus minimize the risk of osteonecrosis.

Saw blades

<table>
<thead>
<tr>
<th>L(mm)</th>
<th>35</th>
<th>37</th>
<th>41/45</th>
</tr>
</thead>
<tbody>
<tr>
<td>W(mm)</td>
<td>9.5</td>
<td>8</td>
<td>9.5/10/14</td>
</tr>
<tr>
<td>H(mm)</td>
<td>0.5</td>
<td>0.8</td>
<td>0.5/1.0</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>L(mm)</th>
<th>50/55/60</th>
<th>70/80</th>
<th>90</th>
</tr>
</thead>
<tbody>
<tr>
<td>W(mm)</td>
<td>10/13.5/16/20</td>
<td>13/14/20/21/22/24/34</td>
<td>13/14/18/19/22/24/25</td>
</tr>
<tr>
<td>H(mm)</td>
<td>0.5/0.8/1.0</td>
<td>0.8/1.0/1.2/1.27</td>
<td>0.8/1.0/1.2/1.27</td>
</tr>
</tbody>
</table>

- A-style serrated
- Zigzag edge for joint replacement surgery
- B-style serrated
- Normal serrated edge for general surgery

Bojin cutting tool applications

- Orthopaedic / Trauma
  - Osteotomy saw blade
  - Knee joint saw blade
  - Twist drill bit
  - Medullary reamer
  - Acetabulum reamer

- Spine Surgery / Neurosurgery
  - Cutting drill bit
  - Diamond drill bit
  - Cranial milling

- Maxillofacial Surgery
  - Cutting drill bit
  - Diamond drill bit
  - Micro saw blade
Orthopaedic Instrument
BJXDH Sterilized Case

The sterilized case can be sterilized with complete unit except battery. All system power tools can be packed with sterilized case.

Medical Electric Plaster Cutting Saw

SGJ-1
BJ1201S

110V/220V

BJ12011
Flat wrench

SGJ-1
BJ1201

Saw Blade