

## Electrosurgical Unit

## Model: EU-100, EU-300, EU-300A

## Features:

## Ease

Ease and quick to set up; Compact and light  
Save time with automatic access to previously used power settings and modes  
Provides precise surgical effect with power control dials

## Flexibility

Performs most common office-based electrosurgical procedures,  
Includes both monopolar and bipolar outputs

## Reliability

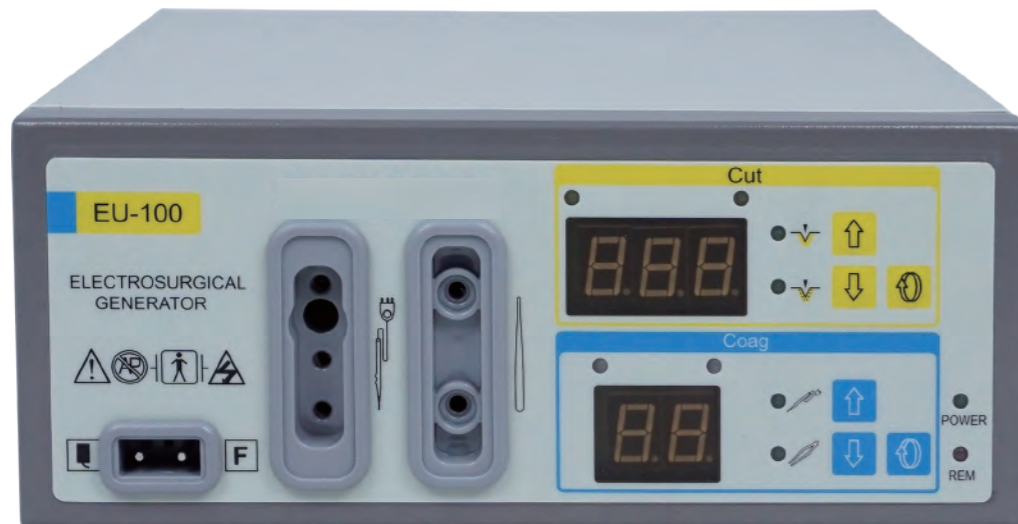
Manufactured to the highest standards of quality in electrosurgical technology  
Ensures consistent clinical performance over a variety of procedures

## Safety

Increased patient safety with a return electrode contact quality monitoring system(REM). The REM system continually monitors patient impedance levels and deactivates the generator if a fault in the patient/return electrode contact is detected.

## Application

Applicable for general surgery, thoracic surgery, orthopedics, obstetrics and gynecology, urologic surgery, cerebral surgery, microsurgery, ENT surgery, etc.



EU-100

## Specifications:

Working Mode		Rated Load	Max. Power	Max. PP Voltage
Monopolar	Pure Cut	500Ω	100W	900V
	Blend Cut	500Ω	80W	1450V
	Coag	300Ω	60W	1550V
Bipolar	Coag	100Ω	50W	580V



EU-300

## Specifications:

Working Mode		Rated Load	Max. Power	Max. PP Voltage
Monopolar Cut	Pure Cut	300Ω	300W	1900V
	Blend Cut	300Ω	250W	2300V
Monopolar Coag	Fulgurate	300Ω	120W	2800V
	Spray	300Ω	100W	7000V
Bipolar	Standard Coag	100Ω	70W	550V



EU-300A

## Specifications:

Working Mode		Rated Load	Max. Power	Max. PP Voltage
Monopolar Cut	Pure Cut	300Ω	300W	1900V
	Blend Cut 1	300Ω	250W	2300V
	Blend Cut 2	300Ω	200W	2500V
	Blend Cut 3	300Ω	150W	2800V
Monopolar Coag	Fulgurate	300Ω	120W	2800V
	Spray	300Ω	100W	7000V
Bipolar	Standard Coag	100Ω	70W	550V
	Cut	100Ω	70W	700V

## AC/DC Emergency Aspirator

## Model: JX820D

**Features:**

JX820D AC/DC Emergency Aspirator is the latest portable AC/DC suction unit. It is specially used for secretion, blood, vomitus and mucus removal of the patient who have undergone tracheostomy or had the trachea blocked, and for emergency treatment to a respiratory tract patient in hospital, first-aid teams, or social medical services, especially for a patient who is transported by vehicle or is in a place without AC/DC power supply.

- 1) Long life piston cylinder which requires no lubrication or daily maintenance produces no pollution to the environment.
- 2) Provided with three kinds of electrical sources, AC 100V~240V 50/60Hz, external DC12V, and internal battery, it can be conveniently used in many places.
- 3) The internal battery is charged with constant voltage and limited current while the unit is working or being attached to AC 100V ~ 240V 50/60Hz or external DC 12V power supply. The capacity of the battery is respectively indicated by green, yellow and red neons.
- 4) Overflow protection device can safely and efficiently prevent the liquid from entering into pump. Bottles made of plastic material are transparent, durable and convenient for cleaning.
- 5) Body made of plastic material is handy and beautiful. The wall-mounting frame makes it widely used in the room, on vehicle and conveniently hung on the side of the wheelchair.

**Specifications:**

Max vacuum:  $\geq 0.08$ MPa(600mmHg)  
 Vacuum range: 0.02MPa(150mmHg)~Max. vacuum  
 Flow rate:  $\geq 20$  L/min  
 Jar capacity: 1000ml (PC)  
 Noise:  $\leq 65$  dB(A)  
 Operating voltage: DC 12V or AC 100V~240V, 50/60Hz  
 Power input: 110VA  
 Battery duration on full charge:  $\geq 30$ min  
 G.W.: 5.5kg; N.W.: 4kg  
 Packing dimension: 40.5cm $\times$ 20cm $\times$ 36cm



## Electric Suction Unit

## Model: YX932D

**Features:**

Model YX932D Electric Suction Unit, intended for extracting various mucus such as purulence, blood and phlegm from body cavity or wound in hospitals or center of social medical service, is a mobile suction unit with a high flow, high vacuum and a novel style. It can satisfy most demands in operating rooms.

- 1) An oil-less vacuum pump, double piston cylinder with a high flow, high vacuum, the pump needs maintenance free.
- 2) Move smoothly and freely with a swing-type pull handle; the accessory-case for placing foot-switch and power supply wire makes it convenient for movement or storage.
- 3) Large-bore and large capacity bottles with stopper having sealing ring, easy to clean and to open or close.
- 4) The overflow protection device is intended to prevent liquid or solid particles from entering the intermediate tubing and pump.
- 5) Transparent non-toxic PVC hoses and unique connections are easy to observe and link.
- 6) The level of vacuum required in clinic can be controlled by adjusting the regulator knob, and a synchronized indication on the vacuum meter.
- 7) Stability and durability, low noise, safe and reliable to operate.

**Specifications:**

Max vacuum:  $\geq 0.09$ MPa (680mmHg)  
 Adjustable vacuum range: 0.02MPa(150mmHg)~Max.  
 Flow rate:  $\geq 32$ L/Min  
 Noise:  $\leq 60$ dB(A)  
 Storage bottles: 2500ML $\times$ 2  
 Power supply: AC220V/50Hz (110V customized)  
 Input power: 150VA  
 G.W./N.W.: 14/12kg  
 Packing dimension: 40cm $\times$ 38cm $\times$ 47cm

## Low-Vacuum (Amniotic Fluid) Suction Unit

### Model: DYX-1A

#### Features:

A special apparatus that is used for sucking amniotic fluid and phlegm from neonates and infants born by cesarean section. It can also be used for postoperatively suctioning in gastroenteric, thoracic and celiac cavity or in the Dept. Of surgery and internal medicine.

- 1) Safely powered by electromagnetic pump, no positive pressure producing.
- 2) The air emitted by the pump is prefiltered by a bacterial filter which provides an effective barrier against contamination and protection to the environment.
- 3) Vacuum regulator with a locked set can be optionally regulated according to requirements.
- 4) Transparent plastic bottle with overflow preventive valve can be sterilized.
- 5) Body made of plastic material is light, compact, and convenient for carrying and operating.



#### Specifications:

Max. Vacuum:  $\geq 18 \pm 1.5 \text{ kPa} (135 \pm 11 \text{ mmHg})$   
 Vacuum range:  $2 \text{ kPa} (15 \text{ mmHg}) \sim \text{Max. Vacuum}$   
 Flow rate:  $\geq 6 \text{ L/min}$   
 Noise:  $\leq 55 \text{ dB(A)}$   
 Jar capacity:  $1000 \text{ mL (PC)}$   
 Power supply: AC 220V, 50Hz (110V customized)  
 Power input: 30VA  
 G.W./N.W.: 3kg/2.5kg  
 Packing dimension:  $40 \text{ cm} \times 19 \text{ cm} \times 33 \text{ cm}$

## Hydraulic Operating Table

### Model: OT-01AV(u)

#### Features:

- 1) Noncorrosive table-board is made of stainless steel plate with high quality, which makes easy washing and disinfection.
- 2) Right-and-left gradient is  $0-15^\circ$ , regulated by the manual machinery system.
- 3) Base plate is made of A3 armor plate with baking finish, and the casters add its mobility.
- 4) Matched with the operating bracket tray.
- 5) Designed with reasonable machinery, credible performance and simple operation.
- 6) Table-board height is 830mm.
- 7) Table-board size is  $1000 \text{ mm} \times 500 \text{ mm}$ .



## Hydraulic Operating Table

### Model: OT-02CV

#### Features:

- 1) Using the hydraulic control on the operating table surface level movement.
- 2) Right-and-left gradient is  $15^\circ$  respectively by mechanical manual operation.
- 3) Fore-and-aft gradient is  $45^\circ$  by manual manipulation.
- 4) Overall structure is compact, reasonably reliable, easy manipulation.
- 5) V-shaped design and a front-end downcomer, easy for cleaning and disinfection.
- 6) Make the table-board up or down by stepping on the pedal.
- 7) Base plate is made of the A3 armor plate with baking finish and the high-class Italian simulation skin.
- 8) Surgical microscopes and operating bracket tray can be installed.
- 9) Table-board height is from 820mm to 930mm.
- 11) Table-board size is  $1400 \times 650 \text{ mm}$ .



## Hydraulic Operating Table For Animal Heart

### Model: OT-02HV

#### Features:

- 1) Table designed in U-top with drain, hydraulic System to adjust table height.
- 2)  $0^\circ-15^\circ$  at right-and-left side inclined with manual operation.
- 3) Top made by Stainless Steel material helps to prevent from corrosion, rust and high temperature.
- 4) Equipped with a hole for ultrasound scanner at the upper-left of the top (The operators can open or close the hole according to their demands).
- 5) Base made by A3 armor plate, and with wheels to move conveniently.
- 6) Table Size(L\*W):  $1400 \text{ mm} \times 600 \text{ mm}$
- 7) Table Height: 820-930mm



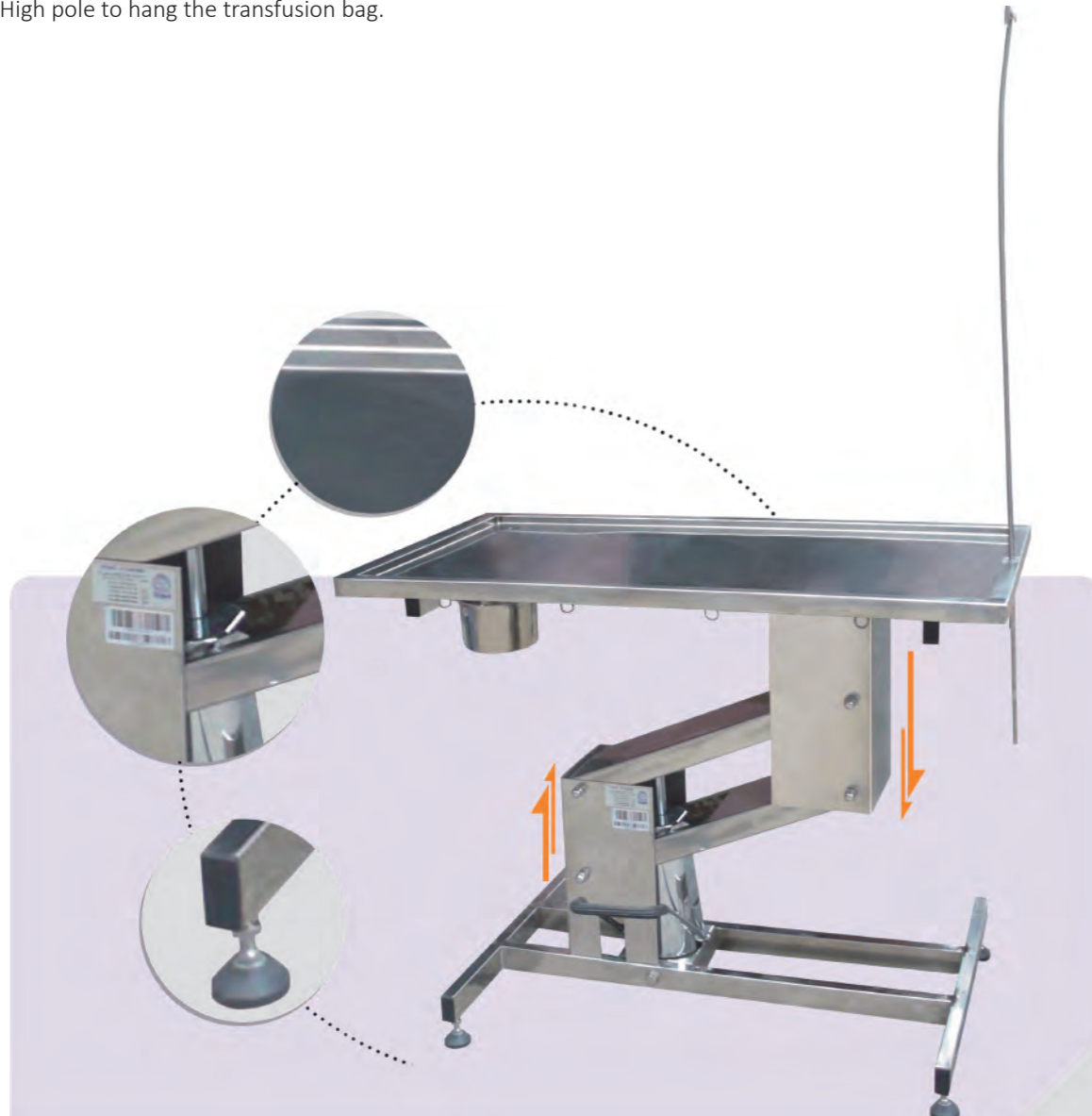
## Hydraulic Operating Table

### Model: OT-06A

#### Features:

OT-06A hydraulic operating table use the most popular Z shape structure. The table can be lowered as low as 45cm and raised to as high as 105cm. It can be locked at any position. The table is fully made of stainless steel. Heavy duty stainless steel legs are durable providing a stable place for grooming. The tiny slope and the outler at the lower side dispose the waste easily.

- 1) Sealed hydraulic foot pump which requires no maintenance.
- 2) Rock-soild table with all stainless steel surface and reinforced construction that eliminates wobbling and tipping.
- 3) Thick,plywood non-skid textured PVC surface for safety and comfort.
- 4) Hydraulic foot pedals control the height from 45-105cm.
- 5) Stainless steel frame and leg.
- 6) High pole to hang the transfusion bag.



#### Specifications:

Size: 100cm\*60cm\*45~105cm  
Weight load: 240kg  
Material: stainless steel

## Hydraulic Operating Table for Large Animals

### Model: OT-03BV



#### Features:

- 1) The operating table is powered by electric controlling and hydraulic lifting system.
- 2) The whole structure is compact and reliable, and it's very easy to operate.
- 3) The tabletop is fully made of stainless steel, which makes solid, anticorrosive, rust-proof and high-temperature resistance.
- 4) Stainless steel infusion pole is included.
- 5) The tabletop can be tilted: 0-30°C
- 6) Equipped with universal brake wheel, it can move everywhere easily.
- 7) Table length and width: 3700mm(L) \* 1200mm(W) (including pillow length 700mm)
- 8) Table height range from the ground: 600mm-870mm
- 9) Length and width of table pedestal: 700mm(L) \* 400mm(W)
- 10) It can support 1500kgs (suitable for cattle, horse, tiger, lion, etc.).

#### Optional:

- a. Heating System
- b. Customized size is available



## Multi-functional Hydraulic Operating Table

### Model: OTX-MFA

#### Features:

- 1) Hydraulic System to adjust table height
- 2) The whole table made by stainless steel material helps to prevent from corrosion, rust and high temperature.
- 3) Table designed in U-top with drain.
- 4) 15° at right-and-left side and 45° at front-and-back side inclined with manual operation.
- 5) Top can be rotated for 360°.
- 6) Chain wheel can move conveniently.
- 7) Overall size of the top: 1200mm x 500mm
- 8) Table Height (Up/Down ): 820-930mm



Electric Operating Table

Model: ET-1200A

Features:

- 1) Electric lift operating table
  - 2) The table is made of 304 stainless steel, and equipped with stainless steel grid.
  - 3) Pedal lift control Easy to operate, stable and smooth.
- Size: 1200\*600\*(530-1000)mm

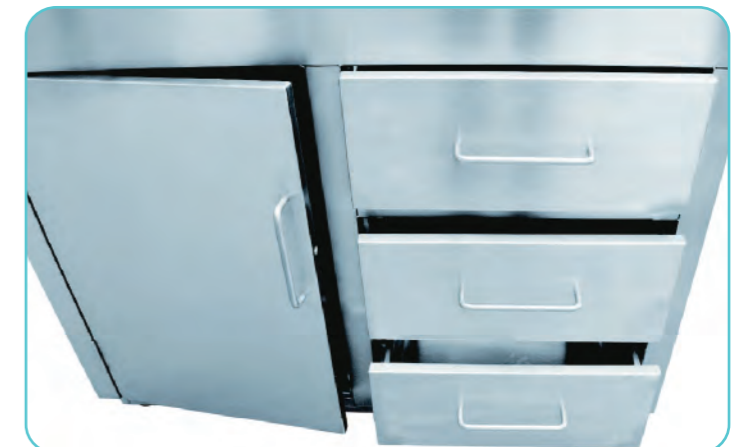


Dental Table For Toothwash

Model: TW-1

Features:

- 1) This multifunctional dental/surgical table adopts 304 stainless steel.
  - 2) It equipped with moveable grid and flexible tap, the reasonable design makes the cleaning job efficiently and easily.
  - 3) The bottom of the table equipped with several movable drawers which can well store the instruments.
- Size: 152cm\*70cm\*86cm



Electric Operating Table

Model: ET-1300A



Features:

Electric stainless steel X-type operating table with net is safe and reliable for users to operate. It is made of high quality 304 stainless steel counter-tops. With the bracing style elevator, it moves smoothly and steadily, and it's locked securely. It is easy to operate with the touch-lift switch.

Size: 1300\*600\*(400-1100)mm



Electric Operating Table

Model: ET-1400A

Features:

- 1) The tabletop lifting is controlled by the electric foot pedal.
- 2) The working tabletop can be tilted 0°-15° left and right by the mechanical manual control.
- 3) The working tabletop can be tilted 0°-45° ahead and back by the mechanical manual control.
- 4) The tabletop and base is fully made of stainless steel.
- 5) The tabletop temperature can be adjusted from indoor temperature to 50° freely.
- 6) The machine has compact structure, reliable performance, reasonable manipulation convenient.



Specifications:

Tabletop size: 1400mm x 650mm  
 Tabletop height: 760-1060mm  
 Tabletop tilt angle: ± 15°  
 Joint space (stable and reliable): 0°

## Veterinary Dissection Table

## Model: DT-600, DT-1600, DT-2000

## Features:

1) Tabletop made of stainless steel helps to prevent from corrosion, rust and high temperature with drain hole.

2) Size:

DT-600: 668mm\*308mm\*115mm (L\*W\*H)

DT-1600: 1600mm\*750mm\*830mm (L\*W\*H)

DT-2000: 2000mm\*1000mm\*820mm (L\*W\*H)



DT-2000



DT-600



DT-1600

## Veterinary Bone Drill

## Model: DS-0110

## Features:

1) Imported material, manufactured with advanced technology

2) Lower weight and noise, less operation time

3) Pakaged assembly and modified structure are easier to use

4) NI-MH battery without memory environment

5) Autoclavable



## Specifications:

Hand piece: Working voltage: 14.4V; Output power:  $\geq 90W$ ;  
Unit rise in temperature:  $\leq 20^{\circ}C$

Charger: Input voltage: AC 110V-240V, 50Hz-60Hz; Output  
voltage: 14.4V, 900mA; Input power: 30W

Batttery: Voltage power: 14.4V; Charging time: about 3  
hours

Speed: 0-1300 rpm

Noise:  $\leq 65db$

Sterilized:  $\leq 135^{\circ}C$

## Standard Configuration:

1\*Hand piece, 2\*Battery, 1\*Charger, 1\*Drill chuck, 1\*Steril-  
izing channel, 1\*Key, 1\*Aluminium box.

## Veterinary Oscillating Saw

## Model: DS-0310

## Features:

1) Long working time

2) Autoclavable, can be sterilized up to  $135^{\circ}C$

3) Adopt total newly electric machinery

4) NI-MH battery without memory environment

5) For joint surgery

## Specifications:

Hand piece: Working voltage: 14.4V; Output power:  $\geq$   
90W; Unit rise in temperature:  $\leq 20^{\circ}C$

Charger: Input voltage: AC 110V-240V, 50Hz-60Hz; Output  
voltage: 14.4V, 900mA; Input power: 30W

Batttery: Voltage power: 14.4V; Charging time: 2 hours or  
more

Speed: 0-20000 osc/m

Noise:  $\leq 70db$

Sterilized:  $\leq 135^{\circ}C$

## Standard Configuration:

1\*Hand piece, 1\*Battery, 1\*Charger, 2\*Blade saw,  
1\*Sterilizing channel, 1\*Aluminium box.

## Veterinary Canulated Drill

## Model: DS-0210

## Features:

1) Axial run-out of concentricity is within 0.05mm.

2) Rotating speed of 600 rpm is more suited to the medical  
standard for the operation power.

3) About 4 N/M for the foreign brand, and 3.3 N/M for  
product.

4) Supporting the interface of the brand product.

5) Full-sealed manufacturing technology for electric motor  
more complies with the requirements of high temperature  
and high pressure disinfection.

6) Semi-luster surface treatment technology gives the  
operator more comfortable operation.

7) Multipurpose interface is easier to use in clinic.

8) 4.0mm hollow for all brand guide needles to pass  
through.

## Specifications:

Hand piece: Working voltage: 14.4V; Output power:  $\geq 90W$ ;  
Unit rise in temp:  $\leq 20^{\circ}C$

Charger: Input voltage: AC 110V-240V, 50Hz-60Hz; Output  
power: 14.4V, 900mA; Input power: 30W

Battery: Voltage: 14.4V; Charging time: 2 hours or more

Speed: 0-650 rpm

Noise:  $\leq 65db$

Sterilized:  $\leq 135^{\circ}C$



## Standard Configuration:

1\*Hand piece, 1\*Charger, 1\*Battery, 1\*Drill chuck,  
1\*Sterilized channel, 1\*Key, 1\*Aluminum box.



## Veterinary Micro Bone Drill

## Model: DS-1410

**Features:**

- 1) The global leading technology, advanced art of manufacturing, the smallest hand-piece and precision.
- 2) All of these advantages of the product can meet various requirements of orthopedic surgery and microsurgery.
- 3) Core drilling speed of 1100 rpm.
- 4) Swing saw speed of 15000 times per min.

**Specifications:**

Hand Piece: Working Voltage: 7.2V; Output Power:  $\geq 50W$ ; Unit rise in temperature:  $\leq 20^{\circ}C$   
 Charger: Input Voltage: AC 110V-240V, 50Hz-60Hz; Output Power: 7.2V; Input Power: 30W  
 Battery: Voltage: 7.2V; Charging time: About 3 hours  
 Drill: Frequency: 1100 r/m; Non-load noise:  $\leq 45dB$ ; Output power: 50W; Sterilized:  $\leq 135^{\circ}C$

**Standard Configuration:**

1\*Hand piece, 2\*Battery, 1\*Charger, 1\*Drill chuck, 2\*Sterilizing channel, 1\*Aluminium case.

## Veterinary Micro Bone Saw

## Model: DS-1411

**Features:**

- 1) Autoclavable to  $135^{\circ}C$  with 1.6mpa
- 2) Whole power is steady with low noise in operation
- 3) Handpiece can drive a variety quick connects
- 4) Attachments can be replaced easily
- 5)  $360^{\circ}$  Rotating
- 6) Main parts made of high-strength stainless steel

**Specifications:**

Hand piece: Working Voltage: 7.2V; Output Power:  $\geq 50W$ ; Unit rise in temperature:  $\leq 20^{\circ}C$ ;  
 Charger: Input Voltage: AC 110V-240V, 50Hz-60Hz; Output Power: 7.2V; Input Power: 30VA;  
 Battery: Voltage: 7.2V; Charging time: About 3 hours;  
 Saw: Frequency: 0-20000 os/m; Non-load noise:  $\leq 45dB$ ; Output power: 50W; Sterilized:  $\leq 135^{\circ}C$ .

**Standard Configuration:**

1\*Hand piece, 2\*Saw blades, 2\*Batteries, 1\*Charger, 2\*Sterilizing channel, 1\*Aluminium case.

### Veterinary Micro/Mini Multifunctional Tool

## Model: DS-0610A

**Features:**

- 1) Quick chuck: ensures outstanding performance during operation.
- 2) Oscillating saw: 360° Rotating head can be applied to any surgical Sites. Wrenchless collect allows for easy, fast and safe loading and unloading blades.
- 3) Mainframe is made of Aluminium, light weight, durable, long working time
- 4) Perfect ergonomic design.
- 5) Can meet different kinds of surgery operation.

**Specifications:**

Hand piece: Working Voltage: 7.2V; Output Power: ≥ 50W; Unit rise in temperature: ≤20°C;  
 Charger: Input Voltage: AC 110V-240V,50Hz-60Hz; Output Power: 7.2V; Input Power: 30W;  
 Battery: Voltage: 7.2V; Charging time: About 2 hours or more;  
 Quick chuck (bone drill speed) attachment: Frequency: 0-1300 r/m; Noise: ≤60db; Torque: ≥1.6NM; Sterilize: ≤ 135°C;  
 Oscillating saw attachment: Frequency: 0-20000 osc/m; Noise: ≤70db; Sterilize: ≤135°C.

**Standard Configuration:**

- 1\*Hand piece; 1\*Charger; 2\*Battery 7.2V; 1\*Drill chuck; 2\*Sterilized channel; 2\*Saw blade; 2\*Key; 1\*Aluminum box; 1\*Quick chuck (bone drill speed) attachment; 1\*Oscillating saw attachment.



### Medical Electric Plaster Saw

## Model: PS-5001

**Features:**

- 1) The basic surgical equipment which can effectively cut all kinds of bandages.
- 2) High-speed saw blade vibration system.

**Specifications:**

- 1) Non-load speed: 12500r/min
- 2) Input power: 115VA
- 3) Noise: ≤84dB
- 4) Input voltage: 110-240V, 50Hz/60Hz

**Standard Configuration:**

- 1\*Saw unit, 3\*Saw blades, 1\*Allen wrench to load & unload saw blades, 1\*Instruction manual, 1\*Aluminum box.



### CO<sub>2</sub> Laser Surgical System

## Model: CL-15, CL-20, CL-40

**Features:**

Veterinary laser surgery provides the same benefits to pets that human patients have enjoyed: less pain, less bleeding, less infection, less swelling and discomfort after surgery, and the ability to resume normal activities sooner. It can perform a wide variety of surgical procedures on cats, dogs, horses, birds, and other animals, and can be used to make unique bloodless laser incision, as well as to erase unhealthy tissue (e.g. tumors) without excessive loss of blood typical of conventional scalpel based surgery.

**Applications:**

- 1) Dermatology: facial cosmetology, body freckle, nevus, tumour, wart, skin cancer, the instrument can excise anything superfluous or useless in order to make people strong and handsome and to prevent pathological changing.
- 2) ENT: all kinds of rhinitises, nose polyps, pharyngitises, oral hemangiomas
- 3) Ophthalmology: orbit tumour, eyelid, sty, double blood skin
- 4) Gynecology: chronic cervicitis, valvar angiofibromata, cervical erosion, leukoplakiavulvae, excesion uterus polyp, cervical carcinoma in situs, etc.
- 5) General surgery: haemorrhoids, aal fissure and anal fistula, phimosis, V. D. etc.
- 6) Others: underarm odour, corn, ulcer.

**Specifications:**

Power to tissue	>15W
Focal spot diameter	<0.5mm
Operation mode	CW /Repeat pulse/Super pulse
Articulated arm	7-joint spring-balanced
Working radius	110cm
Aiming beam	Diode laser 650nm/2mW (adjustable)
Power supply	AC 220V or 110V
Size (L×W×H)	700×200×200mm
Packing (L×W×H)	910×460×360mm
Gross weight	20kg (Net weight: 15Kg)

Color computer screen	8 inch touch screen color
Power to tissue	>15W (C.W)
Focal spot diameter	<0.5mm
operation mode	CW /single/Repeat pulse/Super pulse
articulated arm	7-joint spring-balanced
Working radius	110cm
Aiming beam:	Diode laser 650nm/2mW (adjustable)
Power supply	AC220V or 110V
Size (L×W×H)	630×380×180mm
Packing (L×W×H)	790×550×310mm
Gross weight	21kg (Net weight 16Kg)

Color computer screen	8 inch touch screen color
Power to tissue	>30W (C.W)
Focal spot diameter	<0.5mm
operation mode	CW/single/Repeat pulse/Ultra pulse
articulated arm	7-joint spring-balanced
Working radius	130cm
Aiming beam	Diode laser 650nm/2mW(adjustable)
Ultra pulse	pulse width 0.1-2ms
pulse recurrence rate	5-500ms
Tissue Exposure Modes	CW /Repeat pulse/Ultra pulse
Power supply	AC 220V or 110V
Size (L×W×H)	420×360×1100mm
Packing (L×W×H)	540×540×1230mm
Gross Weight	52kg (Net weight 35kg)



CL-15



CL-20



CL-40



## Portable Veterinary Diode Laser System

### Model: DL-20, DL-45, DL-60

Lark series Class IV diode lasers for use in veterinary therapy and surgery. The units are capable of therapy only, diode laser surgery only, or capable of both for the most flexible option. Whether it is for general veterinary practice, specialist veterinary centers, physiotherapy and rehabilitation specialists, or universities, this is a right diode laser for you. By easily changing handpieces you will perform therapy, surgery, dentistry, percutaneous intervertebral disc decompression, tooth whitening, etc.

Class IV diode lasers running 980nm wavelengths with outputs between 20 watts and 60 watts power output as they cover most of your general veterinary laser needs.

#### Features:

- 1) Compact design makes it small in size and light in weight, easy to transport.
- 2) Big color touch screen, Encoder knob dual operation.
- 3) Highly integrated and modular design.
- 4) New design inside to make maintenance easy and low cost.
- 5) Advanced software with presetting protocols to be manually customized by operator.
- 6) Built-in power meter can test the power in the software by user.
- 7) Output power calibration at the end of fiber to make the maintenance easy and low cost.
- 8) Adopt air cooling system guarantee stable performance and long life time.



DL-20



DL-45/DL-60



PM3 Handpiece (optional)

#### Applications:

##### • Laser Therapy

The treatment of laser irradiation has anti-inflammatory, analgesic and cure-promoting effects, so it is regularly used to cure the wound disturbances and locomotorium illness (acute and chronic joint inflammations, musculature inflammations, sinew inflammations or tenosynovitis).

Applications: Healing of wound promotion, Postoperative measures, Pain therapy, Hotspot treatment, Arthrosis, Strengthening of weak ear cartilages, etc.

##### • Laser Surgical

For surgery, the laser ray is used for cutting tissue like a scalpel. Through high temperatures up to 300°C, the cells of treated tissue pop open and evaporate (called vaporization). The vaporization can be very well controlled by parameter selection for laser performance, focusing, distance and reaction time, and therefore point-exactly applied. The strength of fiber-optic decides furthermore how fine the executed cut becomes. The influence of the laser causes a coagulation of the surrounding blood vessels so that the field remains freely from bleedings.

The benefits of laser surgery is like less bleeding, less pain, less swelling after surgery, quicker recovery from surgery.



#### Specifications:

Model	DL-20	DL-45	DL-60
Wavelength	980nm	980nm	980nm
Maximum Power	20W	45W	60W
Pulse Duration	10µs-3s	10ms-3s	10ms-3s
Repetition Rate	0.2Hz-20KHz	0.2Hz-20KHz	0.2Hz-50Hz
Weight	4kg	13.5kg	13.5kg
Dimension(L*W*H)	245mm*215mm*315mm	385mm*400mm*200mm	385mm*400mm*200mm
Fibers	Fibers of 200µm, 400µm and 600µm with connector		
Operation Mode	CW, Single or RepeatPulse		
Pilot Beam	Red diode laser of 635nm, Power <5mW		
Control Mode	Touch Screen, 8" True Color		
Voltage	110/220V, 5A, 50/60Hz		

#### Standard:

Main unit, surgery handpiece, 400µm/600µm fiber, safety goggles, fiber cutter, fiber stripper, foot switch, interlock, fiber holder, cable, carry case.

#### Optional:

- 1) Surgery handpiece (TH1): Aluminum with 4 disposal tips, length: 166mm, 200µm/ 400µm/ 600µm suitable.
- 2) Straight therapy handpiece (TH2): Aluminum/Silver, spot diameter adjustable: 10mm/ 15mm/ 20mm/ 25mm/ 30mm, with hand switch control
- 3) L-type therapy handpiece (PM3): Spot diameter: 30mm, with hand switch control
- 4) Bare fiber: 400µm/ 600µm

Veterinary Operating Microscope

Model: EOM-200S, EOM-200T, EOM-200SB, EOM-200TB

Features:

EOM Series Veterinary Operating Microscopes using fiber-optic cable for coaxial illumination, have different working distance and magnification. They are featured for flexible handling and easy operation. They can be used for micro-operation in ENT, dentistry, ophthalmology, gynecology and surgery.

Applications:

EOM-200S, EOM-200SB: Clinic applications for ENT

EOM-200T, EOM-200TB: Clinic applications for Dentistry and Ophthalmology



EOM-200S



EOM-200TB



EOM-200SB



EOM-200T



EOM-200SB with Demonstrator, Camera, Monitor (optional)

Specifications:

Model	EOM-200S	EOM-200T	EOM-200SB	EOM-200TB
Binocular observation	Straight	45° Tilted	Straight	45° Tilted
Observation magnification	6X			
Interpupillary distance	50mm-80mm			
Diopter	±5D			
Magnification changer	3-step magnification change: 0.6X, 1X, 1.6X			
Focal length of objective	2 objectives: F=200mm, 300mm			
Total magnification	3X-12X			
Linear field	60.8-15.8mm			
Fine focusing range	10mm			
Filter	Built-in green and yellow filters			
Illumination system	Coaxial illumination with cold light source fiber-optic cable, brightness adjustable			
Lamp	21V 150W halogen lamp (10W LED optional)			
Power supply	AC 220V/50Hz, or 110V/60Hz			
Beamsplitter	No		50:50 Beamsplitter	
TV adapter			C-mount 1/3 inch CCD camera attachable	
Balancing arm	With 2-part arm and table mount		With 2-part arm, counterweight adjustable and can be locked With floor stand	
Optional	Objective F=250mm & F=400mm, Wall mount		Demonstrator, Camera, Photo adapter, Monitor, Objective F=250mm & F=400mm, Wall mount, Table mount	