



UDS-J ULTRASONIC SCALER INSTRUCTION MANUAL





www.glwoodpecker.com

GUILIN WOODPECKER MEDICAL INSTRUMENT CO., LTD.

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1. The installation and components of equipment

1.1 Instruction

Guilin Woodpecker Medical Instrument Co., Ltd. is a professional manufacturer in researching, developing and producing ultrasonic scalers. The product is mainly used for teeth cleaning and also an indisensable equipment for tooth disease prevention and treatment.

The ultrasonic scaler UDS-J has scaling, perio functions with the following features:

- 1.1.1 Automatic frequency tracking ensures that the machine always works on the best frequency and more steadily.
- 1.1.2 Digitally controlled, easy operation and more efficient for scaling.

1.2 Components

1.2.1 The components of machine are listed in the packing list.

The scaling tips and other accessories are not listed in this instruction manual completely. The detail can be found in the instruction for tips and packing list.

1.2.2 Product performance and structure

Ultrasonic scaler is composed of electro circuit, water way and ultrasonic transducer.

1.2.3 Scope of application

Ultrasonic scaler UDS-J is used for the dental calculus elimination.

1.3 The main technical specifications

1.3.1 Power supply input: 220-240V~ 50Hz/60Hz 150mA

1.3.2 Main unit input: 24V~ 50Hz/60Hz 1.3A

13.3 Output power: 3W to 20W

1.3.4 Output tip vibration frequency: 30kHz±3kHz

1.3.5 Output half-excursion force: <2N

1.3.6 Output primary tip vibration excursion: ≤100µm

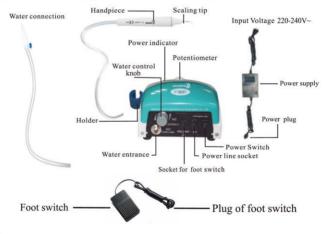
1.3.7 Main unit fuse: T1.6AL 250V

1.3.8 Power supply fuse: T0.5AL 250V

- 1.3.9 Water pressure: 0.01MPa to 0.5MPa
- 1.3.10 Main unit weight: 0.8 kg
- 1.3.11 Power supply weight: 1 kg
- 1.3.12 Operating mode: Continuous operation
- 1.3.13 Type of protection against electric shock: class II equipment
- 1.3.14 Degree of protection against electric shock: Type BF applied part
- 1.3.15 Degree of protection against harmful ingress of water: Ordinary equipment (IPX0), the foot switch is drip-proof equipment (IPX1)
- 1.3.16 Applied part of the equipment: handpiece and tip
- 1.3.17 Degree of safety of application in the presence of a Flammable Anesthetic Mixture with air, Oxygen or Nitrous Oxide: Equipment not suitable for being used in the presence of a flammable anesthetic mixture with air, oxygen or nitrous oxide.

1.4 Components instruction

The components of the equipment are as showed in picture 1.



Picture 1

2. Installation and adjustment

2.1 Open the packing box, make sure that all the parts and accessories are

complete according to the packing list.

- 2.2 Take the main unit out of the box and put it on a stable plane, keep the main unit straight to the operator.
- 2.3 Turn the water control knob towards clockwise direction to the max and turn the potentiometer towards clockwise direction to a suitable position. [note2]
- 2.4 Insert the plug of the foot switch to its socket.
- 2.5 Connect one end of the water pipe to the water entrance, and the other end to the clean water source.
- 2.6 Connect the output end of power supply with main unit and get through to the power
- 2.7 Press the power switch of the main unit, then the power indicator shines.

3. Operation methods and function instruction

- 3.1 Direct the pit of the potentiometer at the "1" dial on the corer before turning on the scaler, make the main unit straight to the operator and turn the water control knob towards clockwise direction about three circles to the maximum.
- 3.2 The normal frequency is 30kHz±3kHz. With the high frequency, a light touch and a certain to-and-fro motion will eliminate the tartar without obvious heating. Overexertion and overstay are forbidden.
- 3.3 The way of assembly and disassembly of the scaling tips is as showed in picture 2.
- 3.4 The choice and operation methods of tips is shown in detail in attached materials of the equipment.
- 3.5 Vibrating intensity: Adjust the vibrating intensity as you need, generally turn the knob to the middle grade. According to patient's different sensitivity and the rigidity of the gingival tartar, to adjust the vibrating intensity during the clinical treatment.
- 3.6 Water volume adjust: Step on the foot switch, and the tip begins to vibrate, then turn the water control

Picture 2:
Fasten the scaling tip by
wrench with the handbetween
thumb and index finger.

knob to form spray, so as to cool down the handpiece and clean the teeth.

- 3.7 The handpiece can be handled in the same gestureas a pen in hand.
- 3.8 During the clinical treatment, be sure not to make the end of tip touch the teeth vertically and not to make the tip overexert on the surface of the teeth, in case of hurting the teeth and damaging the tip.
- 3.9 After finishing operation, keep the machine working for 30 seconds with the water supply in order to clean the handpiece and the scaling tip.
- 3.10 Unscrew the scaling tip and sterilize it.

4. Sterilization

- 4.1 All the scaling tips can be autoclaved.
- 4.2 Handpiece can be sterilized by any neutral sterilized liquid for cleaning and sterilizing. Do not sterilize under the high temperature and pressure.
- 4.3 The scaling tip and wrench can be cleaned by ultrasonic cleaner.

5. Contraindication

- 5.1 The patient who has hemophilia is not allowed to use this equipment.
- 5.2 The patient or doctor who with heart pacemaker is forbidden to use this equipment.
- 5.3 The heart disease patient, pregnant woman and children should be cautious to use the equipment.

6. Storage and maintenance

- 6.1 The equipment should be handled carefully and lightly. Be sure that it is far from the vibration, and is installed or kept in a cool, dry and ventilated place.
- 6.2 Don't store the machine together with the articles that are combustible poisonous, caustic, or explosive.
- 6.3 This equipment should be stored in a room where the relative humidity is ≤ 80%, atmospheric pressure is 50kPa to 106kPa, and the temperature is -10°C to +50°C.
- 6.4 Please turn off the power switch and pull out the power plug when the

equipment is not used. If the machine is not used for a long time, please make it get through to the power and water once per month for five minutes.

7. Troubleshooting and notes

7.1 Troubleshooting

Fault	Possible	Solutions
The scaling tip doesn't	The power line plug is in	Make the plug insert to the
vibrate and there is no	loose contact.	socket well.
water flowing out when	The foot switch is in loose	Insert the foot switch to its
stepping on the foot	contact.	socket tightly.
switch.	The fuse of transformer is	Open the power box, change
	broken.	a new T0.5AL250V fuse.
	The fuse in the main unit	Take off the cover, change a
3	is broken.	new T1.6AL250V fuse.
The scaling tip doesn't	The tip hasn't been	Screw the tip on the
vibrate but there is	screwed on the handpiece	handpiece tightly (picture 2).
water flowing out when	tightly.	
stepping on the foot	The connect plug between	Contact our dealers or us.
switch.	the handpiece and the	
	circuit board is in loose	
	contact.	
	Something wrong with	Contact our dealers or us
	the handpiece	[note 1].
The handpiece	The water control knob is	Turn on the water control
generates heat.	in a low grade.	knob to a higher grade [note
		2].
	The potentiometer is	Change a new one.
	damaged [note 2].	

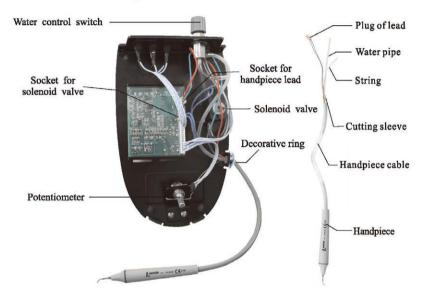
Fault	Possible	Solutions
The scaling tip vibrates but there is no fine	The water control knob is turn off.	Turn on the water control knob [note 2].
spray when stepping on	There is impurity in the	Clean inside of solenoid
the foot switch.	solenoid valve.	valve (picture 5).
	The water pipe is blocked.	Clean the water pipe by
	NORMAN)	multi-function syringe [note 3].
There is still water	There is impurity in the	Clean inside of solenoid
flowing out after the	solenoid valve.	valve (picture 5).
power is off.		
The amount of spouting	The water control knob is	Turn on the water control
water is too little.	in a low grade.	knob to a higher grade [note
		2].
	The water pressure is not	Make the water pressure
	high enough.	higher.
	The water pipe is blocked	Clean the water pipe by
		multi-function syringe
		[note2].
The vibration of the tip	The tip hasn't been	Screw the tip on the
becomes weak.	screwed on to the	handpiece tightly (picture 2).
	handpiece tightly.	
	The tip is vibrated loose.	Screw the tip on the
		handpiece tightly (picture 2).
	The tip is damaged	Change a new one.
	[note3].	
The vibration is	The potentiometer is	Change a new one.
too strong and the	damaged [note 2].	
potentiometer is failure.		

If the troubles still can't be solved, please contact with the local distributors or our company.

7.2 Notice

[Note 1] The disassembly of the handpiece (As showed in picture 3):

a) Remove the screw from the cover, pull out the potentiometer vertically, then take off the cover from the end of the machine lightly (there is a line connecting the cover and the machine, don't use too much strength). The inner of the machine is as showed in picture 3.



Picture 3 The disassemblt of handpiece

- b) Pull out the water pipe in the handpiece cable from the coupling between the water control knob and the water pipe.
- c) Pull out the lead plug from circuit board and untie the string.
- d) Hold the joint of handpiece cable and the main unit and push it into the main unit about lcm, then pull out the cutting sleeve from the cable.
- e) Take off the handpiece from the main unit, and the disassembly is finished. The assembly of handpiece is on the contrary. Be sure not to assemble the lead

plug in a wrong direction, otherwise the tip will be electriferous.

Check-up method: get through to the power, step on the foot switch, and checkup the scaling tip with electric pen. If the electric pen shines, the scaling tip is electriferous. Turn off the machine and then insert the lead plug correctly.

[Note 2] Turn the water control knob towards anticlockwise direction, when the knob can't be turned any more, it comes to the min. On the contrary direction, the water volume increases step by step till the knob is back-out. The grade of the potentiometer is from gear 1 to 9. The ninth grade is the max. Be sure not to overdo.

[Note 3] To clean the water pipe with the multi-function syringe of the dental unit (as showed in the picture 4):

- a) Snip the water pipe at a distance of 10cm to 15cm from the water entrance.
- b) Turn on the power switch, get through to the power.
- c) Connect the multi-function syringe of the dental unit to the water pipe.
- d) Step on the foot switch.
- e) Turn on the switch of the multi-function syringe, press the air or water into the water pipe in the machine, then eliminate the impurity in the water pipe.



Picture 4 Multi-fuction syringe

[Note 4] If the scaling tip has been screwed on tightly and there is fine spray too, the following phenomena shows that the scaling tip was damaged:

- a) The vibrating intensity and the pulverization degree become weak obviously.
- b) When operating, there is some buzz when the scaling tip is working.

8. Precaution

- 8.1 Notice when using equipment
- 8.2 Keep the scaler clean before and after operation.
- 8.3 The scaling tip, wrench and handpiece must be sterilized before each treatment.
- 8.4 Don't screw the scaling tip when stepping on the foot switch.
- 8.5 The scaling tip must be fastened. There must be fine spray coming out from the tip when operating.
- 8.6 Change a new one when the tip is damaged or worn excessively.
- 8.7 While scaler working ,the heat of scaling tip will become higher if there is no water flowing out. Please keep the water flow smoothly.
- 8.8 Don't twist or rub the tip.
- 8.9 Don't use impure water source, and be sure not to use normal brine instead of pure water source.
- 8.10 If use the water source without hydraulic pressure, the water surface should be one meter higher than the head of the patient.
- 8.11 After operating, turn off electrical source, and then pull out the plug.
- 8.12 As a professional manufacturer of medical instruments, we are only responsible for the safety on the following conditions:
- 8.12.1 The maintenance, repair and modification are made by the manufacturer or the authorized dealer.
- 8.12.2 The changed components are original of "WOODPECKER" and operated correctly according to instruction manual.
- 8.13 Please put the power plug into the socket easy to pull out, to make sure it can be pull out in emergency.
- 8.14 The power supply is considered as a part of ME equipment. This device can only be equipped with the special power supply of Guilin Woodpecker Medical Instrument Co., Ltd.
- 8.15 The power supply is NOT waterproof. Please keep it dry and away from the water.
- 8.16 The screw thread of the scaling tips produced by other manufacturers maybe coarse, rusty and collapsed, which will damage the screw thread of the handpiece irretrievably. Please use "WOODPECKER" brand scaling tip.

8.17 Please select a suitable power when using different type of tips (refer to "TABLE OF OPERATING POWER OF THE TIPS").

9. Transportation

- 9.1 Excessive impact and shake should be prevented in transportation. Lay it carefully and lightly and don't invert it.
- 9.2 Don't put it together with dangerous goods during transportation.
- 9.3 Avoid solarization and getting wet in rain or snow during transportation.

10. Working condition

Environment temperature: +5°C to +40°C

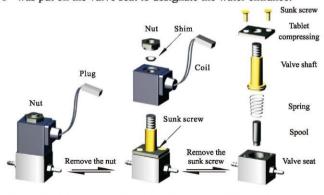
Relative humidity: ≤80%

Atmosphere pressure: 70kPa to106kPa

11. After service

We offer one year free repair to the equipment according to the warranty card. The repair of the equipment should be carried out by professional technician. We are not responsible for any irretrievable damage caused by the not professional person.

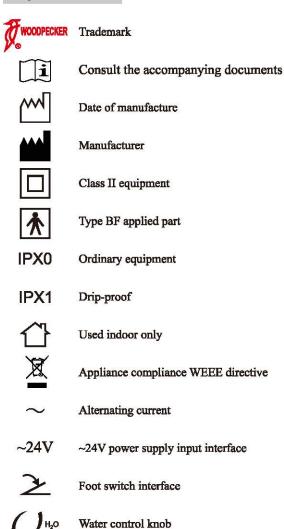
Note: "P" was put on the valve seat to designate the water entrance.



Fasten the nut Fasten the sunk screw Water entrance

Picture 5 The assembly and disassembly of the solenoid valve

12. Symbol instruction



Temperature limitation

Atmospheric pressure for storage



Humidity limitation



Water entrance pressure 0.01MPa-0.5MPa



CE marked product



FDA marked product



Authorised Representative in the EUROPEAN COMMUNITY

13. Environmental protection

The device does not contain any harmful ingredients. You can deal with it based on the local law.

14. Manufacturer's right

We reserve the rights to change the design of the equipment, the technique, fittings, the instruction manual and the content of the original packing list at any time without notice. If there are some differences between blueprint and real equipment, take the real equipment as the norm.

15. For technical data, please contact



Wellkang Ltd (www.CE-Marking.eu) 29 Harley St.,LONDON,W1G 9QR,UK

16. Declaration of conformity

10.1 Product conforms to the following standards

EN 60601-1:2006

EN 60601-1-2:2007

EN 60601-1-6:2010

EN 62366:2008

EN 61205:1994 EN ISO 22374:2005

EN 62304:2006 EN 980:2008

EN ISO 9687:1995 EN 1041:2008

ISO 15223-1-2012 EN ISO 14971:2012

EN ISO 7405:2008 +A1:2003 EN ISO 17664:2004

EN ISO 17665-1:2006 EN ISO 10993-1:2009

EN ISO 10993-5:2009 EN ISO 10993-10:2010

10.2 EMC-Declaration of conformity

		acturer's declaration - electromagnetic emissions
UDS-P LED, UDS-E L electromagnetic enviro UDS-K LED, UDS-L, U	.ED, D1, D3, D5, onment specified UDS-L LED, UDS	D, UDS-L, UDS-L LED, UDS-A, UDS-A LED, UDS-P, UDS-E, D7, D3 LED, D5 LED, D7 LED are intended for use in the I below. The customer or the user of the model UDS-J, UDS-K, S-A, UDS-A LED, UDS-P, UDS-E, UDS-P LED, UDS-E LED, D1, D should assure that it is used in such an environment.
Emissions test	Compliance	Electromagnetic environment - guidance
RF emissions CISPR 11	Group 1	The models UDS-J, UDS-K, UDS-K LED, UDS-L, UDS-L LED, UDS-A, UDS-A LED, UDS-P, UDS-E, UDS-P LED, UDS-E LED, D1, D3, D5, D7, D3 LED, D5 LED, D7 LED use RF energy only for its internal function. Therefore, its RF emissions are very low and are not likely to cause any interference in nearby electronic equipment.
RF emissions CISPR11	Class B	The modesi UDS-J, UDS-K, UDS-K LED, UDS-L, UDS-L LED,
Harmonic emissions IEC 61000-3-2	Class A	UDS-A, UDS-A LED, UDS-P, UDS-E, UDS-P LED, UDS-E LED, D1, D3, D5, D7, D3 LED, D5 LED, D7 LED are suitable for used in domestic establishment and in establishment directly connected to
Voltage fluctuations / flicker emissions IEC 61000-3-3	Complies	a low voltage power supply network which supplies buildings used for domestic purposes.

Guidance & Declaration — electromagnetic immunity

The models UDS-J, UDS-K, UDS-K LED, UDS-L, UDS-L LED, UDS-A, UDS-A LED, UDS-P, UDS-E, UDS-P LED, UDS-E LED, D1, D3, D5, D7, D3 LED, D5 LED, D7 LED are intended for use in the electromagnetic environment specified below. The customer or the user of the models UDS-J, UDS-K, UDS-K LED, UDS-L, UDS-L LED, UDS-A LED, UDS-P LED, UDS-P LED, UDS-E LED, D1, D3, D5, D7, D3 LED, D5 LED, D7 LED, should assure that it is used in such an environment.

immunity test	IEC 60601 test level	Compliance level	Electromagnetic environment - guidance
Electrostatic discharge (ESD) IEC 61000-4-2	±6 kV contact ±8 kV air	±6 kV contact ±8 kV air	Floors should be wood, concrete or ceramic tile. If floors are covered with synthetic material, the relative humidity should be at least 30 %.
Electrical fast transient/burst IEC 61000-4-4	±2kV for power supply lines ±1 kV for input/output lines	±2kV for power supply lines ±1kV for Interconnecting cable	Mains power quality should be that of a typical commercial or hospital environment.
Surge IEC 61000-4-5	±1 kV line to line ±2 kV line to earth	±1 kV line to line	Mains power quality should be that of a typical commercial or hospital environment.
Voltage dips, short interruptions and voltage variations on power supply input lines	<5 % <i>U_T</i> (>95% dip in <i>U_T.</i>) for 0.5 cycle 40 % <i>U_T</i> (60% dip in <i>U_T</i>) for 5 cycles 70% <i>U_T</i> (30% dip in <i>U_T</i>) for 25 cycles <5% <i>U_T</i> (>95 % dip in <i>U_T</i>) for 5 sec	<5 % U ₇ (>95% dip in U ₇) for 0.5 cycle 40 % U ₇ (80% dip in U ₇) for 5 cycles 70% U ₇ (30% dip in U ₇) for 25 cycles <5% U ₇ (>95% dip in U ₇) for 5 sec	Mains power quality should be that of a typical commercial or hospital environment. If the user of the models UDS-J, UDS-K, UDS-K, UDS-K, UDS-A, UDS-A, LED, UDS-B, LED, UDS-B, LED, UDS-B, LED, UDS-B, LED, D7, D3 LED, D5 LED, D7 LED require continued operation during power mains interruptions, it is recommended that the models UDS-J, UDS-K, UDS-K, LED, UDS-A, LED, UDS-B, UDS-A, UDS-B,
Power frequency (50/60 Hz) magnetic field IEC 61000-4-8	3 A/m	3 A/m	Power frequency magnetic fields should be at levels characteristic of a typical location in a typical commercial or hospital environment.

Guidance & Declaration - Electromagnetic immunity

The models UDS-J, UDS-K, UDS-K LED, UDS-L, UDS-L LED, UDS-A, UDS-A LED, UDS-P, UDS-E, UDS-P LED, UDS-E LED, D1, D3, D5, D7, D3 LED, D5 LED, D7 LED are intended for use in the electromagnetic environment specified below. The customer or the user of the models UDS-J, UDS-K, UDS-K LED, UDS-L, UDS-L LED, UDS-A, UDS-A LED, UDS-P, UDS-P, UDS-P LED, UDS-E, UDS-P LED, UDS-B, UDS-

immunity test	IEC 60601 test level	Compliance level	Electromagnetic environment - guidance
			Portable and mobile RF communications equipment should be used no closer to any part of the models UDS-J, UDS-K, UDS-K LED, UDS-L, UDS-L LED, UDS-A, UDS-A, LED, UDS-P, UDS-E, UDS-P LED, UDS-E, UDS-P LED, D7, D3, D5, D7, D3 LED, D5 LED, D7 LED, including cables, than the recommended separation distance calculated from the equation applicable to the frequency of the transmitter. Recommended separation distance
	3 Vrms 150 kHz to 80 MHz	3V	3V
	3 V/m B0 MHz to 2.5 GHz	3 V/m	d=1.2×P ^{1/2} 80 MHz to 800 MHz
			d=2.3×P 800 MHz to 2.5 GHz
		where P is the maximum output power rating of the transmitter in watts (W) according to the transmitter manufacturer and d is the recommended separation distance in meters (m). Field strengths from fixed RF transmitters, as determined by an electromagnetic site survey, should be less than the compliance level in each frequency range. Interference may occur in the vicinity of equipment marked with the following symbol:	

NOTE I At 80 MHz end 800 MHz, the higher frequency range applies.

NOTE 2 These guidelines may not apply in all situations. Electromagnetic propagation is affected by

absorption and reflection from structures, objects and people.

^b Over the frequency range 150 kHz to 80 MHz, field strengths should be less than 3V/m.

Field strengths from fixed transmitters, such as base stations for radio (cellular/cordless) telephones and land mobile radios, amateur radio, AM and FM radio broadcast and TV broadcast cannot be predicted theoretically with accuracy. To assess the electromagnetic environment due to fixed RF transmitters, an electromagnetic site survey should be considered. If the measured field strength in the location in which the models UDS-J, UDS-K, UDS-K LED, UDS-L, UDS-L LED, UDS-A, UDS-A LED, UDS-P, UDS-P, UDS-E, UDS-P LED, UDS-E, LED, D1, D3, D5, D7, D3 LED, D7 LED are used exceeds the applicable RF compliance level above, the model UDS-J, UDS-K, UDS-K, LDD, UDS-L, UDS-L LED, UDS-A, UDS-A LED, UDS-P, UDS-E, UDS-P, LED, UDS-P, LED, UDS-E, LED, D1, D3, D5, D7, D3 LED, D5 LED, D7 LED should be observed to verify normal operation. If abnormal performance is observed, additional measures may be necessary, such as reorienting or relocating the models UDS-J, UDS-K, UDS-K, LED, UDS-L, UDS-D, UDS-P, UDS-P, UDS-P, UDS-P, UDS-E, UDS-P, LED, D1, D3, D5, D7, D3 LED, D5

Recommended separation distances between

portable and mobile RF communications equipment and the models UDS-J, UDS-K, UDS-K LED, UDS-L, UDS-L LED, UDS-A, UDS-A LED, UDS-P, UDS-E, UDS-P LED, UDS-E LED, D1, D3, D5, D7, D3 LED, D5 LED, D7 LED

The model UDS-J, UDS-K, UDS-K LED, UDS-L, UDS-L LED, UDS-A, UDS-A LED, UDS-P, UDS-E, UDS-P LED, UDS-E LED, D1, D3, D5, D7, D3 LED, D5 LED, D7 LED is intended for use in electromagnetic environment in which radiated RF disturbances is controlled. The customer or the user of the models UDS-J, UDS-K, UDS-K, UDS-L, UDS-L, UDS-L, LDS-L LED, UDS-A, UDS-A LED, UDS-P, UDS-E, UDS-P LED, UDS-E LED, D1, D3, D5, D7, D3 LED, D5 LED, D7 LED can help prevent electromagnetic interference by maintaining a minimum distance between portable and mobile RF communications equipment (fransmitters) and the models UDS-J, UDS-K, UDS-K LED, UDS-L, UDS-L, UDS-L, LED, UDS-A, LED, UDS-A LED, UDS-P, UDS-E, UDS-P, LED, UDS-E, LED, D1, D3, D5, D7, D3 LED, D5 LED, D7 LED are recommended below, according to the maximum output power of the communications equipment.

Rated maximum output	Separation distance according to frequency o m			
power of transmitter W	150kHz to 80MHz d=1.2×P ^{1/2}	80MHz to 800MHz d=1.2×P ^{1/2}	800MHz to 2,5GHz d=2.3×P ^{1/2}	
0,01	0.12	0.12	0.23	
0,1	0.38	0.38	0.73	
1	1.2	1.2	2.3	
10	3.8	3.8	7.3	
100	12	12	23	

For transmitters rated at a maximum output power not listed above, the recommended separation distance d in meters (m) can be estimated using the equation applicable to the frequency of the transmitter, where P is the maximum output power rating of the transmitter in watts (W) accordable to the transmitter manufacturer.

NOTE I At 80 MHz and 800 MHz, the separation distance for the higher frequency range applies. NOTE 2 These guidelines may not apply in all situations. Electromagnetic propagation is affected by absorption and reflection from structures, objects and people.

The device has been tested and homologated in accordance with EN 60601-1-2 for EMC. This does not guarantee in any way that this device will not be effected by electromagnetic interference Avoid using the device in high electromagnetic environment.

17. Statement

All rights of modifying the product are reserved to the manufacturer without further notice. The pictures are only for reference. The final interpretation rights belong to GUILIN WOODPECKER MEDICAL INSTRUMENT CO., LTD. The industrial design, inner structure, etc, have claimed for several patents by WOODPECKER, any copy or fake product must take legal responsibilities.

TABLE OF OPERATING POWER OF THE TIPS

Scaler Model Tip Model Power	UDS-E (LED) UDS-L (LED) UDS-A (LED) UDS-P (LED)	UD\$-J2 (LED)	UDS-J UDS-B UDS-K (LED)	UDS-N3 (LED)	UDS-N1 UDS-N2 (LED) UDS-N4	Compatible Scaler Brand	
Scaling		*		**	*************************************		
G1	1-10 (G)	1-10	1-9	LOW-HIGH	LOW-HIGH		
G2	1-10 (G)	1-10	1-9	LOW-HIGH	LOW-HIGH		
G3	1-10 (G)	1-10	1-9	LOW-HIGH	LOW-HIGH		
G4	1-10(G)	1-10	1-9	LOW-HIGH	LOW-HIGH	Commetible with	
G5	1-10 (G)	1-10	1-9	LOW-HIGH	LOW-HIGH	Compatible with WOODPECKER	
G6	1-10(G)	1-10	1-9	LOW-HIGH	LOW-HIGH	& EMS	
G7	1-10 (G)	1-10	1-9	LOW-HIGH	LOW-HIGH	Ultrasonic Scaler	
G8	1-10 (G)	1–10	1-9	LOW-HIGH	LOW-HIGH		
G9	1-10 (G)	1-10	1-9	LOW-HIGH	LOW-HIGH		
G10	1-10 (G)	1-10	1-9	LOW-HIGH	LOW-HIGH		
G11	1-10 (G)	1-10	1-9	LOW-HIGH	LOW-HIGH		
Periodontics			-				
P1	1-10(P)	1-7	1-6	LOW-MID	LOW-MID		
P2L	1-3(P)	1-2	1-2	LOW	LOW		
P2LD	1-2(P)	1	1	LOW	LOW	Compatible with	
P2R	1-3(P)	1-2	1-2	LOW	LOW	WOODPECKER	
P2RD	1-2(P)	1	1	LOW	LOW	& EMS	
P3	1-6(P)	1-4	1-3	LOW-MID	LOW-MID	Ultrasonic Scaler	
P3D	1-6(P)	1-4	1-3	LOW-MID	LOW-MID		
P4	1-6(P)	1-4	1-3	LOW-MID	LOW-MID		
Endodontics			¥		S/r		
E1	1-3(E)	-		LOW			
E2	1-3(E)	8 7 - 5 1	(77 - 7 4)	LOW	_		
E3	1-6(E)	_	-	LOW			
E3D	1-3(E)	_	-	LOW			
E4	1-6(E)	_	_	LOW			
E4D		100	a_2	LOW			
	1-3(E)		45-10	100000	-		
E5	1-6(E)			LOW			
E5D	1-3(E)			LOW		Compatible with	
P4D	1-6(E)	1 7 - 3		LOW	<u> </u>	WOODPECKER & EMS	
E8	1-10(E)	-	(7 - 1	LOW	<u></u>	OLEMS Ultrasonic Scaler	
E9	1-10(E)	-	1	LOW		Oldiesonic Scale	
E10	1-6(E)	_	-	LOW			
E10D	1-6(E)	-	-	LOW			
E11	1-6(E)	_	_	LOW			
E11D			0.00				
100000000000	1-6(E)			LOW			
E14	1-3(E)	2 <u> </u>	10	LOW	-		
E15	1-3(E)	-	-	LOW	 :		
Cavity Preparatio	n						
SB1	SAVAS SCHALLES MANN						
SB2	1-10(P) 1-10(P)	1-7	1-6	LOW-MID	LOW-WID	Compatible with WOODPECKER	
SB3	1-10(P)	1-7	1-6	LOW-MID	LOW-WID		
						& EMS	
SBL	1-10(P)	1-7	1-6	LOW-MID	LOW-MID	OLEMS Ultrasonic Scaler	

[NOTE]: "G" for the working mode of "Scaling"; "P" for the working mode of "Periodontics"; "E" for the working mode of "Endodontics"; "—" for "not suitable for such model of scaler".

Scan and Login website for more information





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