SINO-DENTAL 2013
第十八届中国国际口腔设备材料展
Victory’ s Booth: Q70& 71, B1F
维多利展位：Q70, 71（负一楼）



PROFESSION MAKES PERFECT!

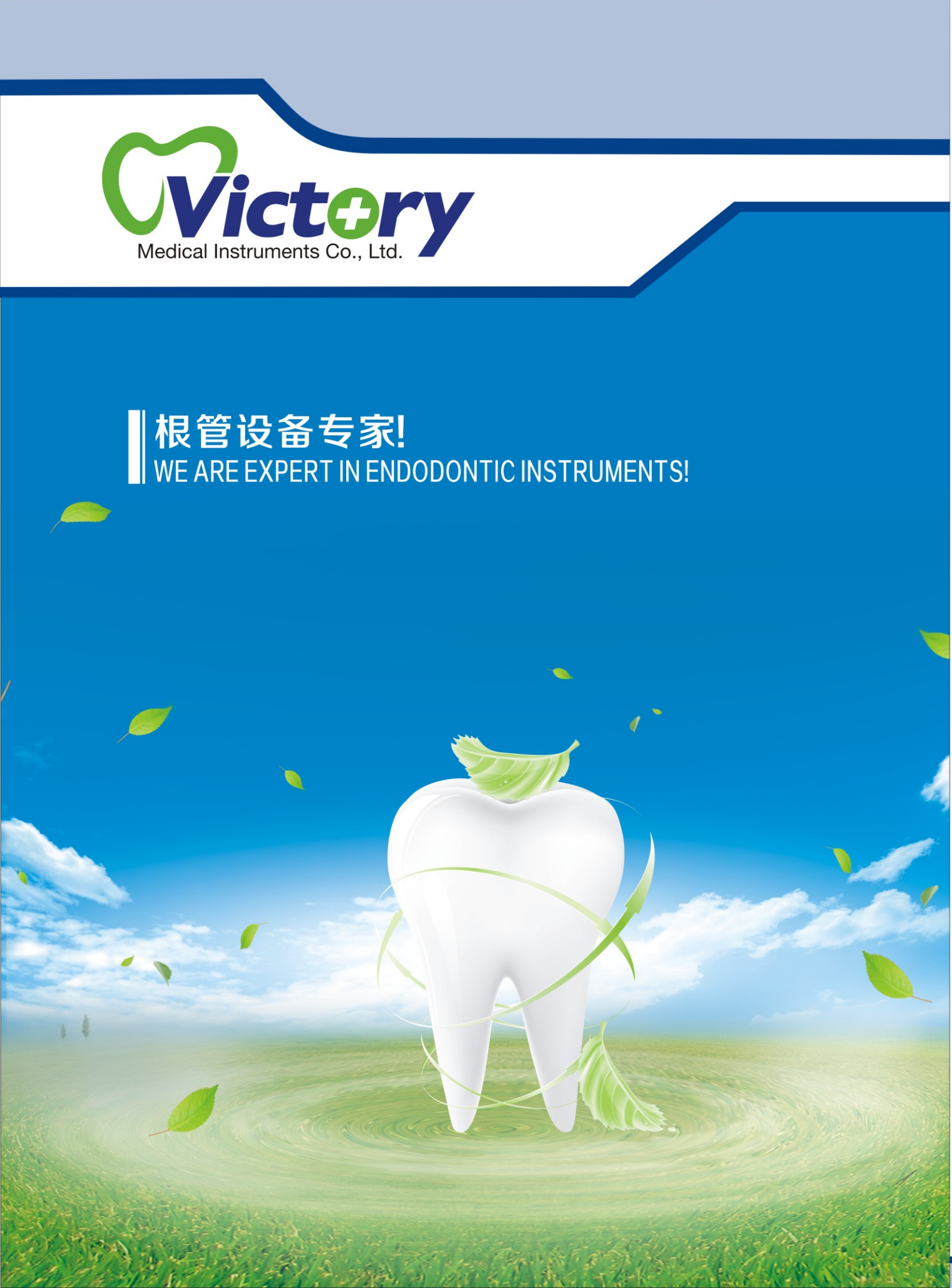
专业造就完美!

郑州维多利医疗器械有限公司

ZHENGZHOU VICTORY MEDICAL INSTRUMENTS CO., LTD.

Victory
Medical Instruments Co., Ltd.

根管设备专家!
WE ARE EXPERT IN ENDODONTIC INSTRUMENTS!



COMPANY PROFILE

ZHENGZHOU VICTORY MEDICAL INSTRUMENTS CO., LTD. is a professional and innovative corporation integrated with dental instrument research and development, production and marketing. Our company upholds the principle of honesty first, quality first and customers first. At present, we have already given birth to these masterpieces products such as Dental Implant Motors, Root Canal Treatments, Apex Locators and Led Curing Lights etc.

With excellent and experienced technical specialists as well as the powerful support of the famous international scientists, our top research and development team will try every effort to keep its leading role in the world in terms of advanced technology, fashionable creativity and fine workmanship.

Following the highest international standards strictly such as ISO9001, ISO13485 and CE quality management strictly, we are always concentrating on quality management and improvement. Our supervision system of quality runs through the procedure from the raw material purchasing, the assembling, the packing to the delivering, ensuring that our customers enjoy the products of mature technique and stable high quality.

'One Dental World, One Health Dream.' For this dream, our team will always devote to this great dental career and always concern for not only our customers and partners but also our patients anytime anywhere!

郑州维多利医疗器械有限公司，是一家专业从事口腔类医疗器械产品研发、生产、销售为一体的高新技术企业。企业始终秉持诚信为本，质量第一，客户至上的原则，锐意进取，不断创新，致力于将最优良的口腔科电子产品奉献给大众。目前，公司已开发的产品有牙科种植机、根管治疗仪、根管测量仪和LED光固化机等。

我公司现拥有实力雄厚、经验丰富的技术人才，并得到国际一流科研专家的大力支持，使得我们的每项技术在同行业中都能处于世界领先水平。力保我们的每款产品都是先进技术，前卫时尚创意和精湛工艺的完美结晶。

我们以ISO9001, ISO13485和CE标准严格要求自己，始终将质量管理和质量改进作为重中之重。为此我们建立了一整套完善的质量检测体系，实时监测从进口原材料的采购、零部件的组装、产品的生产、包装直至出厂的整个过程，力求将集成熟技术和可靠高品质于一体的优秀产品奉献给客户。

为了同一个梦想——把健康种子播撒到千家万户，我们整个企业团队将全力以赴，全心全意为我们的患者、我们的客户、我们的合作者提供最优质的服务！













Victory

PRODUCTS OVERVIEW

- Dental Implant Motor
  牙科种植机
  - Elite
- Electronic Apex Locators
  根管测量仪
  - Vividpex
  - Aimpex
- Endodontic Treatment Motors
  根管治疗仪
  - Sensi Endo Series
  - Aimer Endo Series
- LED Curing Lights
  LED光固化机
  - Cutie
  - Vigor



Elite
Dental Implant Motor
牙科种植机



TECHNICAL SPECIFICATIONS:
技术参数：

1. Input Power Supply: AC100-110V or AC220-240V 50/60HZ;
   输入电源：AC100-110V或AC220-240V 50/60HZ
2. Output Power: 210W;
   输出功率：210W
3. Motor Rotation Speed Range: 1000rpm-40000rpm (1:1);
   电机转速：1000rpm-40000rpm (1:1)
4. Torque Range: 10-60N.cm (20:1);
   转矩：10-60N.cm (20:1)
5. Coolant Flow: 0-100ml/min;
   冷却液流量：0-100ml/min
6. Stored Programs: 10 types;
   程序储存：10种
7. Foot Switch Control: coolant flow, program, forward/reverse, speed.
   脚踏开关：冷却液、程序、正转/反转、速度控制

FEATURES:
特点：

1. Intuitive LCD display and control panel, which bring convenience to the operation;
   简单易看的LCD显示及控制面板；
2. Original imported brushless motor, which is characterized by great torque, low noise, non-vibrations as well as accuracy;
   原装进口医用无刷电机，转矩大、噪音小、无振动、控制精确；
3. Alternative input supply voltage: AC100-110V or AC220-240V;
   电源输入电压AC100-110V或AC220-240V可选；
4. Multifunctional foot switch, which is not only handy to operate but also against cross-infection caused by the contact between hands and the device;
   多功能脚踏开关，操作简便，避免治疗时手与机器接触，防止交叉感染；
5. Adjustable rotation speed, torque, coolant flow and forward/reverse, which can meet various demands during implanting process;
   转速、转矩、冷却液、正反转可调，满足种植过程中不同的需求；
6. Ten types of reduction control angles, which are able to be selected as you need for operations;
   可以使用10种减速比弯机，满足不同操作的需求；
7. Ten kinds of program settings, each of which allows setting up different numerical values of rotation speed, torque, coolant flow, forward/reverse or reduction ratio for practical needs.
   10种程序设置，每种程序可以设置不同的转速、转矩、冷却液流量、正反转和减速比。

Patent number:ZL-201130426742.8
专利号:ZL-201130426742.8

Vividpex
Electronic Apex Locator
根管测量仪

FEATURES:
特点：

1. Wide and ultra-thin color LCD ----- to expose the moving trace of the file clearly;
   超薄大屏幕彩色液晶显示，清晰直观显示扩大针行进轨迹；
2. Self-calibrating ----- to bring the accuracy at any time;
   自动检测和校准功能，实时确保测量精度；
3. Multi-frequency operating system ----- to ensure the accurate measurement in any condition;
   新型多频测量技术，适用于任何环境，确保测量准确性；
4. Different tones of the sound indicator ----- to inform you the trace of file;
   不同频段的声音提示扩大针位置；
5. High capacity Li-ion battery ----- to prolong the working hours;
   大容量可充电锂电池，超长时间使用；
6. Auto power off completely ----- to extend the duration of battery;
   关机时电源自动彻底关闭，避免不使用时的额外损耗，从而延长机器和电池的使用寿命；
7. Autoclavable file holder and contrary electrode ----- to avoid cross infection.
   测试附件均可高温消毒，防止交叉感染。



TECHNICAL SPECIFICATIONS:
技术参数：

1. Adaptor voltage: Input 100-240V AC 50/60Hz
   Output 10V DC / 1.5A
   适配器电压：输入：100-240V AC 50/60Hz
   输出：10V DC /1.5A
2. Battery: Rechargeable Li-ion battery: DC 7.4V 1200mAh
   电池：可充电锂离子电池 DC 7.4V / 1200mAh
3. Ambient temperature: +4℃~+45℃
   相对温度：+4℃~+45℃
4. Relative humidity range: ≯85% or 90%RH
   相对湿度：≯85% or 90%RH
5. Atmospheric pressure: 86Kpa~106Kpa
   气压：86Kpa~106Kpa
6. Type of screen: Liquid crystal
   屏幕类型：液晶显示屏



File holders 夹持器



Measuring wire 根测测量导线

Autoclavable accessories
可高温消毒附件（135℃）



Stainless lip clips 不锈钢唇钩

Aimpex
Electronic Apex Locator
根管测量仪



FEATURES:
特点：

1. Large color LCD screen— to expose the moving trace of the reamer clearly; Generous appearance; ingenious design for convenient operation;
   彩色液晶显示，显示更直观，外形简单大方、操作简单；
2. Multi-frequency operating system— to ensure the accurate measurement in any condition;
   新型多频根管长度测量技术，更精确可靠；
3. Self-calibrating— to bring the accuracy at any time in any root canal environment (No matter the vital or necrotic pulse, dry or wet blood, EDTA, normal saline or sodium hypochloride exist or not);
   自动检测、校准功能，适用于任何根管环境（死髓、活髓、沾有干或湿的血液、EDTA、生理盐水或次氯酸钠等）；
4. The apex position can be set as you need;
   针尖位置可根据医生需求进行设置；
5. Different tones of the sound indicator— to inform you the trace of reamer;
   不同频段声音提示，实时提醒针尖位置；
6. Power supply: Double A Battery (3pcs); Auto power off completely to extend the duration of battery;
   3节5＃电池供电；低能耗、关机时可彻底切断电源，延长机器使用寿命；
7. Autoclavable reamer holder and contrary electrode — to avoid cross infection.
   测试附件均可高温消毒，避免交叉感染。

TECHNICAL SPECIFICATIONS:
技术参数：

1. Battery: DC 4.5V (3pcs of AA battery)
   电池：DC 4.5V（3节5＃电池）
2. Ambient temperature: +4°c ~ +45°c
   相对温度：+4° C~ +45° C
3. Relative humidity range: ≤85% or 90% RH
   相对湿度：≤85% or 90% RH
4. Atmospheric pressure: 86Kpa ~ 106Kpa
   气压：86Kpa ~ 106Kpa
5. Type of screen: Liquid crystal
   屏幕类型：液晶显示屏





Patent number: ZL-201130426720.1
专利号: ZL-201130426720.1

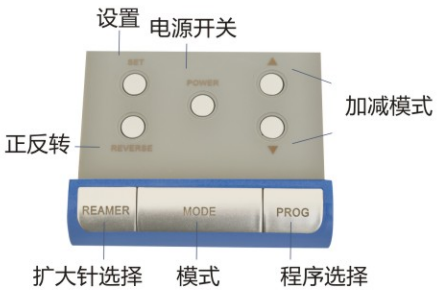
Sensi Endo
Endo Motor Only
根管治疗仪

FEATURES:
特点：



1. Large and adjustable color LCD screen;
   大屏幕彩色液晶显示；
2. Original Switzerland electro-motor;
   原产瑞士电动马达；
3. Special connector for medical treatment;
   医疗专用连接器；
4. Drive—1:1 contra angle is available;
   使用1:1弯机；
5. 9 kinds of reamers for selection: Each allows 5 programs to be memorized automatically;
   9种扩大针选择，每种扩大针下可设置5种程序，自动记忆;
6. 3 rotation modes, avoiding reamer-breaking and bring more convenience and efficiency;
   3种马达转动模式，防止断针；
7. Self calibration of the rotation speed or torque;
   转速、转矩自动检测校准功能；
8. High capacity rechargeable battery with longer duration;
   大容量可充电锂电池，超长时间使用；
9. Auto power off completely, extending the duration of battery;
   关机时电源自动彻底关闭，避免不使用时的额外损耗，从而延长机器和电池的使用寿命；
10. Ergonomics design with elegant appearance to bring the convenient operation.
    人体工程学设计，外形美观，使用更方便。





TECHNICAL SPECIFICATIONS:
技术参数：

1. Adaptor voltage: Input 100-240V AC 50/60Hz
   Output 10V DC 1.5A
   适配器电压：输入：100-240V AC 50/60Hz
   输出：10V DC /1.5A
2. Battery: Rechargeable Li-ion battery:
   DC 7.4V 1200mAh
   电池：可充电锂离子电池 DC 7.4V / 1200mAh
3. Power: 5W
   功率：5W
4. Current: ≤ 500mA
   电流：≤ 500mA
5. Rotation speed: 125-625rpm
   转速可调：125-625rpm
6. Torque: 0.6-4.0 N• Cm (6-40mN• M)
   转矩可调：0.6-4.0 N• Cm (6-40mN• M)
7. Ambient temperature: +4° C~+45° C
   相对温度：+4° C~+45° C
8. Relative humidity range: ≯85% or 90%RH
   相对湿度：≯85% or 90%RH
9. Atmospheric pressure: 86Kpa~106Kpa
   气压：86Kpa~106Kpa



Auto reverse function
自动反转功能

The auto reverse function actives when the preset torque level has been exceeded and can be set to operate in the following modes:
当转矩达到设定的值时，马达启动自动反转功能，反转模式如下：



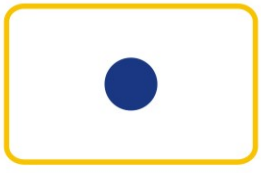
File rotates clockwise when torque disappears
自动反转后正转

When the torque comes up to the limit value that has been set, file rotates counter-clockwise automatically, and will rotate clockwise again when the torque disappears.
马达到达设定的转矩值后，自动反转，并在转矩减小后恢复正转。



File stops when torque disappears
自动反转后停止

When the torque comes up to the limit value that has been set，file rotates counter-clockwise automatically，and will stop when the torque disappears.
马达到达设定的转矩值后，自动反转，并在转矩减小后自动停止。



Alternatively, the auto reverse function can be deactivated.
无自动反转功能。

Patent number:ZL–201130426720.1
专利号:ZL–201130426720.1

Sensi Endo
Endo Motor 2in1 (with Apex Locating)
根治二合一



FEATURES:
特点：

1. Large and foldable color LCD screen, visualizing the treatment clearly;
   彩色液晶大屏幕清晰直观显示治疗过程；
2. Original Switzerland electro-motor;
   原产瑞士电动马达；
3. Special connector for medical treatment;
   医疗专用连接器；
4. Drive—1:1 contra angle is available;
   使用1:1弯机；
5. 9 kinds of reamers for selection: Each allows 5 programs to be memorized automatically;
   9种扩大针选择，每种扩大针下可设置5种程序，自动记忆；
6. 4 types of rotation modes: Auto Start, Auto Stop, Auto Reverse, Auto Apical Slow Down, avoiding reamer-breaking and bring more convenience and efficiency;
   4种马达转动模式：马达自动启动、自动停止、自动反转、根尖区自动减速, 省时省力，防止断针；
7. Independent multi-frequency operating system, ensuring the accurate measurement in any condition;
   独立的新型多频段根管测量功能，适用于任何环境，确保测量的精准性；
8. Self calibration of the rotation speed or torque;
   转速、转矩自动检测校准功能；
9. High capacity rechargeable battery with longer duration;
   大容量可充电锂电池，超长时间使用；
10. Auto power off completely, extending the duration of battery;
    关机时电源自动彻底关闭，避免不使用时的额外损耗，从而延长机器和电池的使用寿命；
11. Ergonomics design with elegant appearance to bring the convenient operation;
    人体工程学设计，外形美观，使用方便；
12. Motor handle has been upgraded. Built-in wire makes operation more convenient.
    马达手柄升级，测试线内置使操作更加方便。

★Autoclavable accessories
可高温消毒附件（135℃）







TECHNICAL SPECIFICATIONS:
技术参数：

1. Adaptor voltage: Input 100-240V AC 50/60Hz Output 10V DC 1.5A
   适配器电压：输入：100-240V AC 50/60Hz 输出：10V DC /1.5A
2. Battery: Battery: Rechargeable Li-ion battery: DC 7.4V 1200mAh
   电池：可充电锂离子电池 DC 7.4V / 1200mAh
3. Power: 5W
   功率：5W
4. Current: ≤ 500mA
   电流：≤ 500mA
5. Rotation speed: 125-625rpm
   转速可调：125-625rpm
6. Torque: 0.6-4.0 N• Cm (6-40mN• M)
   转矩可调：0.6-4.0 N• Cm (6-40mN• M)
7. Ambient temperature: +4° C~+45° C
   相对温度：+4° C~+45° C
8. Relative humidity range: ≯85% or 90%RH
   相对湿度：≯85% or 90%RH
9. Atmospheric pressure: 86Kpa~106Kpa
   气压：86Kpa~106Kpa

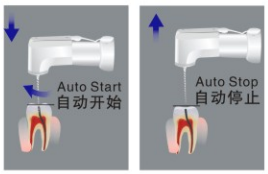








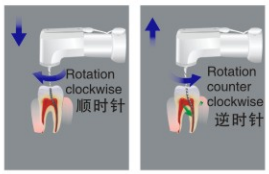
Top priority: patient safety,
患者安全至上，
4 different safety functions
以下4种功能，确保患者安全。



Auto Start/Stop
自动开始/停止

The reamer starts rotating automatically when inserted into the canal, and stops automatically upon withdrawal.

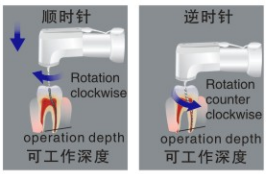
当根管锉进入根管时，自动开始旋转；当其离开根管时，就自动停止转动。



Auto Torque Reverse
转矩自动反转功能

The reamer rotates reverse automatically if the torque exceeds the set torque limit.

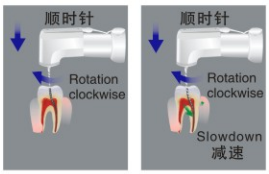
当转矩达到设定值时，根管锉自动反转。



Auto Apical Reverse
自动根尖反转

The reamer stops and begins to rotate counter-clockwise when it reaches the setting working length.

当根管锉到达设定的根尖位置时，根管锉自动停止并开始反转。



Auto Apical Slow Down
根尖区自动减速

When the reamer reaches the narrow apical zone, it slows down automatically for the safe treatment.

当根管锉到达根管狭窄区域时，电动马达自动减速以确保治疗的安全性。

Aimer Endo
Endo Motor Only
根管治疗仪

FEATURES:
特点：

1. Large and adjustable color LCD screen;
   大屏幕彩色液晶显示；
2. Original Switzerland electro-motor;
   原产瑞士电动马达；
3. Special connector for medical treatment;
   医疗专用连接器；
4. Drive—1:1 contra angle is available;
   使用1:1弯机；
5. 9 programs to be set and memorized automatically;
   9种程序设置，自动记忆；
6. 3 rotation modes, avoiding reamer-breaking and bring more convenience and efficiency;
   3种马达转动模式，省时省力，防止断针；
7. Self calibration of the rotation speed or torque;
   转速、转矩自动检测校准功能；
8. High capacity rechargeable battery with longer duration;
   大容量可充电锂电池，超长时间使用；
9. Auto power off completely, extending the duration of battery;
   关机时电源自动彻底关闭，避免不使用时的额外损耗，从而延长机器和电池的使用寿命；
10. Ergonomics design with elegant appearance to bring the convenient operation.
    人体工程学设计，外形美观，使用方便。





TECHNICAL SPECIFICATIONS:
技术参数：

1. Adaptor voltage: Input 100-240V AC 50/60Hz
   Output 10V DC 1.5A
   适配器电压：输入：100-240V AC 50/60Hz
   输出：10V DC /1.5A
2. Battery: Rechargeable Li-ion battery:
   DC 7.4V 1200mAh
   电池：可充电锂离子电池 DC 7.4V / 1200mAh
3. Power: 5W
   功率：5W
4. Current: ≤ 500mA
   电流：≤ 500mA
5. Rotation speed: 125-625rpm
   转速可调：125-625rpm
6. Torque: 0.6-4.0 N• Cm (6-40mN• M)
   转矩可调：0.6-4.0 N• Cm (6-40mN• M)
7. Ambient temperature: +4° C~+45° C
   相对温度：+4° C~+45° C
8. Relative humidity range: ≯85% or 90%RH
   相对湿度：≯85% or 90%RH
9. Atmospheric pressure: 86Kpa~106Kpa
   气压：86Kpa~106Kpa

Aimer Endo
Endo Motor 2in1 (with Apex Locating)
根治二合一



TECHNICAL SPECIFICATIONS:
技术参数：

1. Adaptor voltage: Input 100-240V AC 50/60Hz
   Output 10V DC 1.5A
   适配器电压：输入：100-240V AC 50/60Hz
   输出：10V DC /1.5A
2. Battery: Rechargeable Li-ion battery:
   DC 7.4V 1200mAh
   电池：可充电锂离子电池 DC 7.4V / 1200mAh
3. Power: 5W
   功率：5W
4. Current: ≤ 500mA
   电流：≤ 500mA
5. Rotation speed: 125-625rpm
   转速可调：125-625rpm
6. Torque: 0.6-4.0 N• Cm (6-40mN• M)
   转矩可调：0.6-4.0 N• Cm (6-40mN• M)
7. Ambient temperature: +4° C~+45° C
   相对温度：+4° C~+45° C
8. Relative humidity range: ≯85% or 90%RH
   相对湿度：≯85% or 90%RH
9. Atmospheric pressure: 86Kpa~106Kpa
   气压：86Kpa~106Kpa

★Autoclavable accessories
可高温消毒附件（135℃）



FEATURES:
特点：

1. Large and adjustable color LCD screen;
   大屏幕彩色液晶显示；
2. Original Switzerland electro-motor;
   原产瑞士电动马达；
3. Special connector for medical treatment;
   医疗专用连接器；
4. Drive—1:1 contra angle is available;
   使用1:1弯机；
5. 9 programs to be set and memorized automatically;
   9种程序设置，自动记忆；
6. 4 types of rotation modes: Auto Start, Auto Stop, Auto Reverse, Auto Apical Slow Down, avoiding reamer-breaking and bring more convenience and efficiency;
   4种马达转动模式：马达自动启动、自动停止、自动反转、根尖区自动减速, 省时省力防止断针；
7. Independent multi-frequency operating system, ensuring the accurate measurement in any condition;
   独立的新型多频段根管测量功能，适用于任何环境，确保测量的精准性；
8. Self calibration of the rotation speed or torque;
   转速、转矩自动检测校准功能；
9. High capacity rechargeable battery with longer duration;
   大容量可充电锂电池，超长时间使用；
10. Auto power off completely, extending the duration of battery;
    关机时电源自动彻底关闭，避免不使用时的额外损耗，从而延长机器和电池的使用寿命；
11. Ergonomics design with elegant appearance to bring the convenient operation;
    人体工程学设计，外形美观，使用更方便；
12. Motor handle has been upgraded. Built-in wire makes operation more convenient.
    马达手柄升级，测试线内置使操作更加方便。



Victory

Patent number:ZL–201130426717.X
专利号: ZL–201130426717.X

Cutie
LED Curing Light
LED光固化机



FEATURES:
特点:

1. Four working modes: Strong, Low, Soft up, Pulse;
   Being saved automatically;
   4种工作模式：强光、弱光、渐亮、闪烁，自动记忆；
2. Adjustable working time: 5s-40s;
   Being saved automatically;
   时间5S-40S可调，自动记忆；
3. High power LED with pure blue light:
   To solid any brand of resin material;
   大功率蓝光LED，可固化任何品牌树脂材料；
4. Constant light intensify: To prevent the solidification effect from being affected by the low battery;
   恒光功率输出，不会因电池电量下降而影响固化效果；
5. Over-temperature protection by real-time monitoring LED;
   LED温度实时监测，超温立即保护；
6. Cord or cordless style;
   有线、无线均可使用；
7. High capacity rechargeable battery with longer duration;
   大容量可充电锂电池，超长时间使用；
8. Unique appearance with humanized handle and funny base design to comfort your eyes and the operation.
   别具一格、人性化设计的手柄，可爱底座设计，带来无限乐趣。







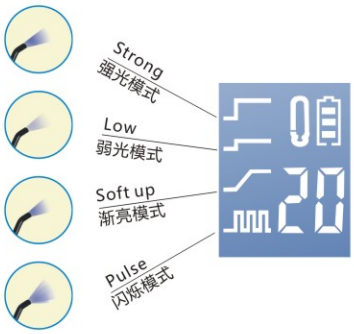
TECHNICAL SPECIFICATIONS:
技术参数:

1. Power adaptor: Input: 100-240 V AC 50/60 Hz
   Output: DC 5V/2.5A
   适配器电压: 输入: 100-240 V AC 50/60 Hz
   输出: DC 5V/2.5A
2. Lithium battery: Voltage: DC 3.7 V
   Capacity: 2200 mAh
   锂离子电池: 电压: DC 3.7V
   容量: 2200 mAh
3. Wavelength: 420-490 nm
   Light output: ≥ 1200 mW/cm ²
   波长: 420-490nm
   光功率输出: > 1200 mW/cm²

Patent number:ZL–201130426719.9
专利号: ZL–201130426719.9

Vigor
LED Curing Light
LED光固化机







TECHNICAL SPECIFICATIONS:
技术参数:

1. Power adaptor: Input: 100-240 V AC 50/60 Hz
   Output: DC 5V/2.5A
   适配器电压: 输入: 100-240 V AC 50/60 Hz
   输出: DC 5V/2.5A
2. Lithium battery: Voltage: DC 3.7 V
   Capacity: 2200 mAh
   锂离子电池: 电压: DC 3.7V
   容量: 2200 mAh
3. Wavelength: 420-490 nm
   Light output: ≥ 1200 mW/cm ²
   波长: 420-490 nm
   光功率输出: > 1200 mW/cm²







FEATURES:
特点:

1. TFT-LCD screen, bringing fantastic visual impact;
   TFT工艺液晶屏显示，视觉效果好，更直观；
2. Four working modes: Strong, Low, Soft up, Pulse, which can be saved automatically;
   4种工作模式：强光、弱光、渐亮、闪烁，自动记忆；
3. Adjustable working time: 5s~40s, which can be saved automatically;
   时间5S-40S可调，自动记忆；
4. High power LED with pure blue light, which can solid any brand of resin material;
   大功率蓝光LED，可固化任何品牌树脂材料；
5. Constant light intensify preventing solidification effects from being affected by the low battery;
   恒光功率输出，不会因电池电量下降而影响固化效果；
6. Over-temperature protection by real-time monitoring LED;
   LED温度实时监测，超温立即保护；
7. With wire/wireless style as well as stand charger or adaptor;
   有线、无线，直充、座充均可使用；
8. High capacity rechargeable battery with longer duration;
   大容量可充电锂电池，超长时间使用；
9. Ergonomics design with elegant appearance, bringing convenience for the operation;
   人体工程学设计，外形美观，操作更方便；
10. Light meter attached: The technology of light-power-testing is adopted in the base.
    手柄底座: 融合了光功率测量功能，使用更方便。



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