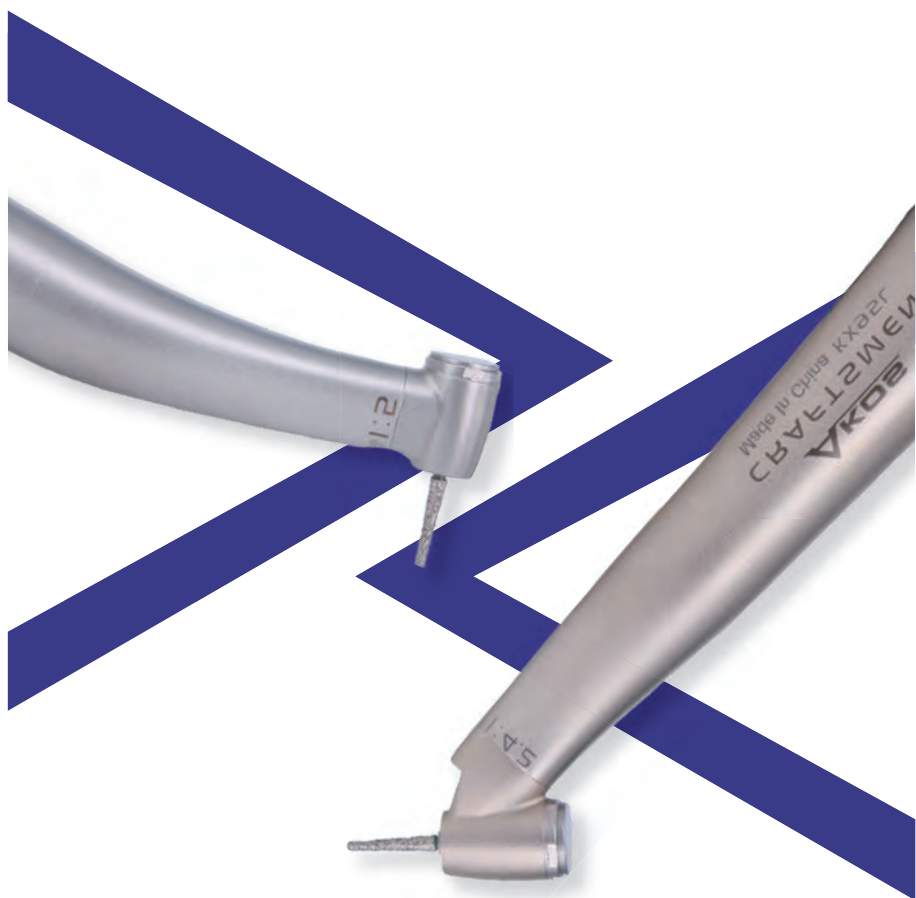


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**ilic** SINCE 1949  
QUALITY & VALUE

**AKOS®**



IVAN ILIC' srl - Via L. Muratori, 46/11 - 20135 Milano  
T (+39) 02 36512990 - [ilic@ilicdental.com](mailto:ilic@ilicdental.com)  
[www.ilicdental.com](http://www.ilicdental.com)



## ▶ Product contents

Increasing handpiece



Low speed handpiece



High speed handpiece



Handpiece spare part



Niti File System & Burs



Electric Deviece



Dental Chair Parts



# ABOUT US

## ● 关于我们

FOSHAN AKOS MEDICAL INSTRUMENT CO.,LTD is a professional dental handpiece and accessories manufacturer.

Our main products:High and low speed Handpiece,contra angles with most ratio..etc, we have an experienced R&D team, which can provide good OEM, ODM services. All of our products are CE & ISO certified.

Nowadays, we have established long term partnership with our clients from all over the world, and our products have been approved by many distributors and manufacturers.

AKOS DENT will never stop our innovative step and will continue to improve our products and quality in the future, in order to support our client with full effort, and provide the best after sales service to our clients.

Look forward to cooperation with you together !

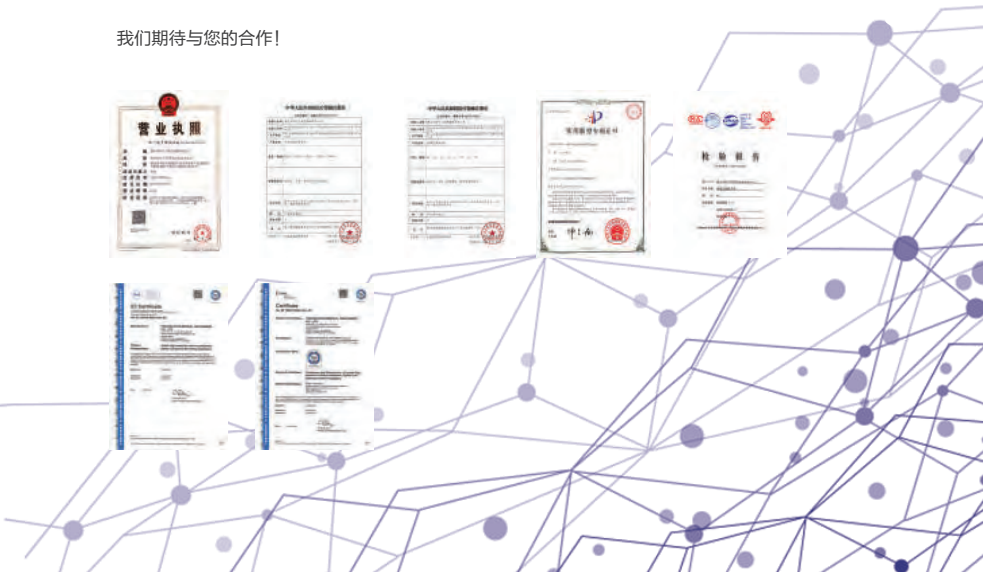
佛山市耐可士医疗器械有限公司是一家专业生产牙科器械的企业。我们拥有一支专业、诚信、富有经验技术的团队。

我们专业生产：高速手机低速手机，各种比例弯机等，有专门经验丰富的研发团队，能提供定制服务和生产支持，所有产品均通过国内外重要认证。

目前，我们已经与世界各地的客户建立了长期的合作关系，我们的产品已经得到了许多经销商和制造商的认可。

我们将永远不会停止创新的步伐，并将继续精进我们的产品和服务，以全力支持我们的客户，并为我们的客户提供最好的售后服务。

我们期待与您的合作！





## Main Markets



Domestic Market  
国内市场

Southeast Asia  
东南亚

Europe  
欧洲

Mid East  
中东

South America  
南美

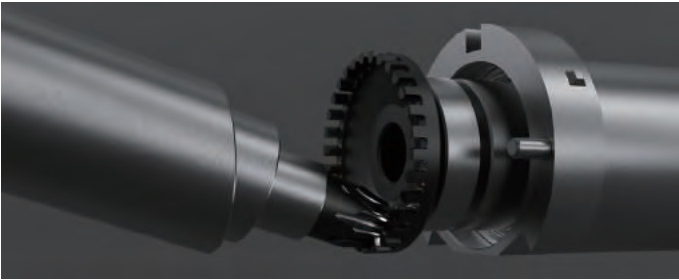
- 2015** Established as a dental handpiece accessories manufacturer  
成立牙科配件生产线
- 2016** Established a handpiece technician develop team  
成立一支牙科手机技术研发队伍
- 2017** Starting to produce dental handpiece, marketing as a domestic brand NKS  
开始生产牙科手机，并开始以国内品牌NKS开始销售
- 2018** Move to new factory, established a team for exportation, and a new brand AKOS  
搬迁至新厂房，建立外贸团队，国外品牌为AKOS
- 2019** Starting to produce dental electronic devices  
开始生产牙科电子产品

# Increasing Contra Angle Series

## 增速弯机系列



## DLC Coating & Imported Ceramic Ball Bearing



Gear and other spare parts are 100% compatible with the original Ti-Max X95, with the high quality DLC coating can ensure the long service life of our instruments, also without any uncomfortable noise to your patient. Imported ceramic bearing ensure the stability of our rotor, even under the extreme high speed and large load.



### Quattro spray,excellent cooling effect

4 points water spray, anti-retraction system, excellent cooling performance, high transparent fiber optic, ensure the light intensity



### DURA COAT

Dura coat creates a smooth , scratch resistant surface which is comfortable to hold



### Dismantable head

New patented dismantable head structure,head group can be remove easily without needing any special tools, convenient for future maintenance.

## Inner/External Channel

**1:5 Contra Angle**

[内/外水道1:5增速弯机]

## TECHNICAL PARAMETER 技术资料

Working dB 工作噪音	≤68dB
Working temperature 机身温度	≤20℃
Maximum speed 最高转速	Max. 200,000RPM
Head size 机头大小	Standard Head W10mm/ H14.65mm Mini Head W8.8mm/ H12.1mm

## 1:5 Mini Head Contra Angle

[1:5 迷你增速弯机]



Jet 喷水



Mist 雾化



Easier access

Order-code 编号: **K25-CA-ML**

Reg. No. 注册号: KX95L (CFDA) / X95L (CE)

**FIBER OPTIC** 光纤 **PUSH** 按压式 **FG** 高速Ø1.6

## 1:5 Full S.S. External Contra Angle

[1:5 全不锈钢增速弯机]

Order-code 编号: **K25-CA-XL**

Reg. No. 注册号: KX95L (CFDA) / X95L (CE)

**FIBER OPTIC** 光纤 **PUSH** 按压式 **FG** 高速Ø1.6



## 1:5 Full S.S. Contra Angle

[1:5 全不锈钢增速弯机]



Jet 喷水



Mist 雾化



**FIBER OPTIC** 光纤

Order-code 编号: **K25-CA-L+**

**NONE FIBER** 非光纤

Order-code 编号: **K25-CA+**

Reg. No. 注册号: KX95L (CFDA) / X95L (CE)

**PUSH** 按压式 **FG** 高速  $\varnothing 1.6$

## 1:5 Contra Angle

[1:5 镀钛增速弯机]



Jet 喷水



Mist 雾化



**FIBER OPTIC** 光纤

Order-code 编号: **K25-CA-L**

**NONE FIBER** 非光纤

Order-code 编号: **K25-CA**

Reg. No. 注册号: KX95L (CFDA) / X95L (CE)

**PUSH** 按压式 **FG** 高速  $\varnothing 1.6$

Inner/External Channel

# 1:4.2 Contra Angle

[内/外水道1:4.2弯机]

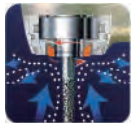
TECHNICAL PARAMETER 技术资料

Working dB 工作噪音	≤68dB
Working temperature 机身温度	≤20℃
Maximum speed 最高转速	Max. 168,000RPM
Head size 机头大小	W10mm/ H14.65mm

## DLC Coating & Imported Ceramic Ball Bearing



Gear and other spare parts are 100% compatible with the original Ti-Max Z45L, with the high quality DLC coating can ensure the long service life of our instruments, also without any uncomfortable noise to your patient. Imported ceramic bearing ensure the stability of our rotor, even under the extreme high speed and large load.



### Anti-retraction head, avoid cross-infection

Speical designed head, blood and dirt will face many obstacle to get inside the head, ensure the service life of the bearing and spindle



### Quattro spray, excellent cooling effect

4 points water spray, anti-retraction system, excellent cooling performance, high transparent fiber optic, ensure the light intensity



### Easier access

The 45° head and body shape of the new model improve access to the molar region.

## 1:4.2 Contra Angle

[1:4.2 增速弯机]



Jet 喷水



Mist 雾化



FIBER OPTIC 光纤

Order-code 编号: K25-45CA-L

NONE FIBER 非光纤

Order-code 编号: K25-45CA

Reg. No. 注册号: KX95L (CFDA) / X95L (CE)

FIBER OPTIC 光纤

PUSH 按压式

FG 高速  $\varnothing$ 1.6

## 1:4.2 External Contra Angle

[1:4.2 外水道增速弯机]



FIBER OPTIC 光纤

Order-code 编号: K25-45CA-XL

NONE FIBER 非光纤

Order-code 编号: K25-45CA-X

Reg. No. 注册号: KX95L (CFDA) / X95L (CE)

PUSH 按压式

FG 高速  $\varnothing$ 1.6



135°C  
15 min  
& high pressure auto clavable



Can be washed with hot water



1 YEAR  
WARRANTY

# Low Speed Handpiece Series

低速手机系列





External Channel

# 20:1 Contra Angle

[外水道20:1弯机]

TECHNICAL PARAMETER 技术资料

Working dB 工作噪音	≤48dB
Working temperature 机身温度	≤20℃
Maximum speed 最高转速	Max. 2,000RPM
Head size 机头大小	W9.7mm/ H13.78mm

The handpiece can be used in any brand of implant system



### Large Torque

Maximum torque required for operation is 65N, our designed maximum torque is 75N, the Minimum torque to break our handpiece is 125N

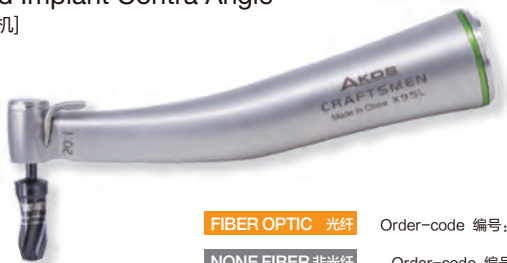


### Special designed irrigation

The irrigation point is implanted inside the head, spray to the drill accurately, and not easy to be damaged while fall down to the floor

## 20:1 Mini Head Implant Contra Angle

[20:1 迷你头种植弯机]



FIBER OPTIC 光纤

Order-code 编号: K26-CA-ML

NONE FIBER 非光纤

Order-code 编号: K26-CA-M

Reg. No. 注册号: KX95L (CFDA) / X95L (CE), NX403 (CFDA) / X202 (CE)

PUSH 按压式 O CA 减速  $\times 2.35$

## 20:1 Implant Contra Angle

[20:1 种植弯机]



**FIBER OPTIC 光纤** Order-code 编号: **K26-CA-L**

**NONE FIBER 非光纤** Order-code 编号: **K26-CA**

Reg. No. 注册号: KX95L (CFDA) / X95L (CE), NX403 (CFDA) / X202 (CE)

**PUSH 按压式** **CA 减速  $\varnothing 2.35$**

## 20:1 LED Generator Contra Angle

[20:1 风光种植弯机]



**GENERATOR 风光** Order-code 编号: **K26-CA-WG**

**NONE LED 非风光** Order-code 编号: **K26-CA-N**

Reg. No. 注册号: KX95L (CFDA) / X95L (CE), NX403 (CFDA) / X202 (CE)

**PUSH 按压式** **CA 减速  $\varnothing 2.35$**

## 20:1 Economic Generator Contra Angle

[20:1 风光种植弯机 经济款]



**GENERATOR 风光** Order-code 编号: **K26-CA-NG**

Reg. No. 注册号: KX95L (CFDA) / X95L (CE), NX403 (CFDA) / X202 (CE)

**PUSH 按压式** **CA 减速  $\varnothing 2.35$**

# Reduction Contra Angle

[减速弯机]

## TECHNICAL PARAMETER 技术资料

Working dB 工作噪音	≤58dB
Working temperature 机身温度	≤20℃
Maximum speed 最高转速	4:1, 8:1, 10:1, 32:1

### 32:1 Mini Head Contra Angle

[32:1 迷你头弯机]



**FIBER OPTIC 光纤** Order-code 编号: **K32-CA-ML**

**NONE FIBER 非光纤** Order-code 编号: **K32-CA-M**

Reg. No. 注册号: KX95L (CFDA) / X95L (CE), NX403 (CFDA) / X202 (CE)

**PUSH 按压式** **CA 减速 ∅2.35**

### 8:1 Mini Head Contra Angle

[8:1 迷你头弯机]



**FIBER OPTIC 光纤** Order-code 编号: **K28-CA-ML**

**NONE FIBER 非光纤** Order-code 编号: **K28-CA-M**

Reg. No. 注册号: KX95L (CFDA) / X95L (CE), NX403 (CFDA) / X202 (CE)

**PUSH 按压式** **CA 减速 ∅2.35**



### 4:1 Contra Angle [4:1 弯机]



**FIBER OPTIC 光纤** Order-code 编号: **K27-CA-KL**

**NONE FIBER 非光纤** Order-code 编号: **K27-CA-K**

Reg. No. 注册号: KX95L (CFDA) / X95L (CE), NX403 (CFDA) / X202 (CE)

**PUSH 按压式** **CA 减速  $\varnothing 2.35$**

### 4:1 Polish Contra Angle [4:1 抛光弯机]



Order-code 编号: **K27-CA-P**

Reg. No. 注册号: NX403 (CFDA) / X202 (CE)

**CA 减速  $\varnothing 2.35$**

# Endo Contra Angle

[根管治疗用减速弯机]

## TECHNICAL PARAMETER 技术资料

Working dB 工作噪音	≤58dB
Working temperature 机身温度	≤20°C
Maximum speed 最高转速	1:1, 4:1, 10:1, 16:1

### 16:1 Mini Head Contra Angle

[16:1 迷你头弯机]



FIBER OPTIC 光纤

Order-code 编号: K30-CA-ML

NONE FIBER 非光纤

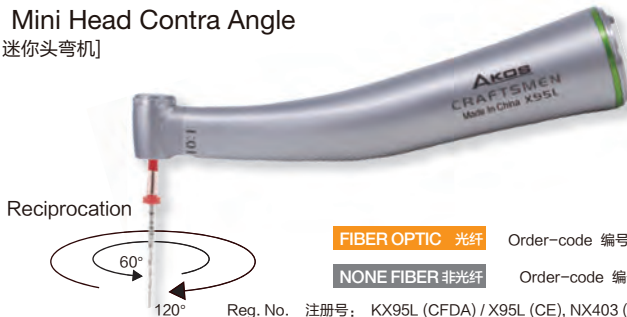
Order-code 编号: K30-CA-M

Reg. No. 注册号: KX95L (CFDA) / X95L (CE), NX403 (CFDA) / X202 (CE)

PUSH 按压式 O CA减速 $\varnothing$ 2.35

### 10:1 Mini Head Contra Angle

[10:1 迷你头弯机]



Reciprocation

FIBER OPTIC 光纤

Order-code 编号: K29-CA-ML

NONE FIBER 非光纤

Order-code 编号: K29-CA-M

Reg. No. 注册号: KX95L (CFDA) / X95L (CE), NX403 (CFDA) / X202 (CE)

PUSH 按压式 O CA减速 $\varnothing$ 2.35

## 4:1 Mini Head Contra Angle

[4:1 迷你头弯机]



FIBER OPTIC 光纤

Order-code 编号: K27-CA-ML

NONE FIBER 非光纤

Order-code 编号: K27-CA-M

Reg. No. 注册号: KX95L (CFDA) / X95L (CE), NX403 (CFDA) / X202 (CE)

PUSH 按压式 ○ CA 减速  $\varnothing 2.35$

## 4:1/16:1 Contra Angle

[4:1/16:1 弯机]



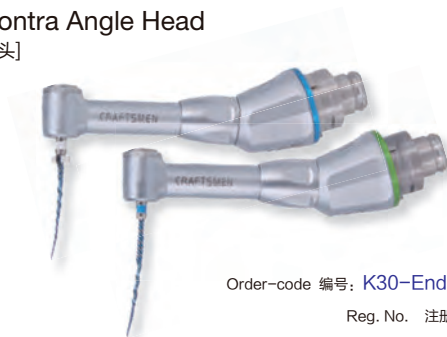
Order-code 编号: K27-CA 4:1 K30-CA-ML 16:1

Reg. No. 注册号: NX403 (CFDA) / X202 (CE)

PUSH 按压式 ○ CA 减速  $\varnothing 2.35$

## 1:1/16:1 Contra Angle Head

[1:1/16:1 弯机头]



Order-code 编号: K30-Endo 16:1 K22-Endo 1:1

Reg. No. 注册号: NK403 (CFDA) / N202 (CE)

○ CA 减速  $\varnothing 2.35$

# 4:1 Interproximal Enamel Kit

[4:1切片弯机]

## TECHNICAL PARAMETER 技术资料

Working dB 工作噪音  $\leq 58\text{dB}$

Working temperature 机身温度  $\leq 20^\circ\text{C}$

Maximum speed 最高转速 10,000RPM

## 4:1 Contra Angle

[4:1弯机]



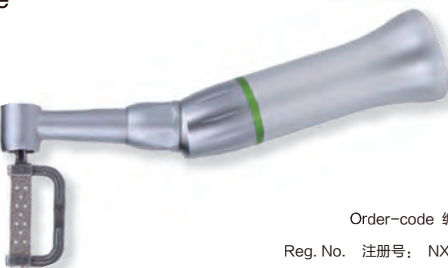
Order-code 编号: **K27-CA-IPR2**

Reg. No. 注册号: NX403 (CFDA) / X202 (CE)

**CA 减速  $\times 2.35$**

## 4:1 Contra Angle

[4:1弯机]



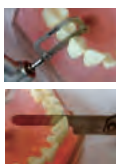
Order-code 编号: **K27-CA-IPR1**

Reg. No. 注册号: NX403 (CFDA) / X202 (CE)

**CA 减速  $\times 2.35$**

## 16:1 Contra Angle

[16:1 弯机]



Order-code 编号: K27-SET

Reg. No. 注册号: NX403 (CFDA) / X202 (CE)

CA 减速  $\varnothing 2.35$



4:1 Reduction contra angle  
4:1 减速弯机



Gap measuring ruler  
测量尺  
0.10mm 0.15mm 0.20mm  
0.25mm 0.30mm 0.40mm  
0.50mm



Push button for remove  
卸针器



Manual Type Handle  
手动手柄



Milling strip  
砂条

Two side diamond (with hole) 有孔式(双侧切砂片)	15 $\mu\text{m}$	15HD	0.17mm	2pcs	预抛光
	25 $\mu\text{m}$	25HD	0.19mm	2pcs	精修
	40 $\mu\text{m}$	40HD	0.23mm	2pcs	仿型
	60 $\mu\text{m}$	60HD	0.32mm	2pcs	减速去釉
	90 $\mu\text{m}$	90HD	0.40mm	2pcs	邻面开齿

1. Carborundum blade is stable and durable
2. It has a good compatibility with all kinds of handpiece
3. There are holes in the blade, which can effectively discharge the water and powder produced in the glaze.

1. 邻面片切砂片，拥有金刚砂刀身，持久耐用。
2. 采用了更加牢固的锁扣式设计，保持完全固定和良好的兼容性。
3. 砂片上有孔，可以有效排出去釉时产生的水和粉末



135°C  
15 min  
& high pressure auto clavable



Can be washed with hot water



1 YEAR  
WARRANTY

# 1:1 Fiber Optic Handpiece

[1:1 光纤手机]

## TECHNICAL PARAMETER 技术资料

Working dB 工作噪音	≤63dB
Maximum speed 最高转速	Max. 40,000RPM
Air consumption 耗气量	56NL/min
Air pressure 气压	2.8~3.0Kpa

## 1:1 Inner Contra Angle

[1:1 内水道弯机]



**FIBER OPTIC 光纤**

Order-code 编号: **K23-CA-L** **OCA**减速  $\varnothing$ 2.35 **K23-CA-GL** **OFG**高速  $\varnothing$ 1.6

**NONE FIBER 非光纤**

Order-code 编号: **K23-CA** **OCA**减速  $\varnothing$ 2.35 **K23-CA-G** **OFG**高速  $\varnothing$ 1.6

Reg. No. 注册号: KX95L (CFDA) / X95L (CE), NX403 (CFDA) / X202 (CE)

**PUSH 按压式**

## 1:1 Mini Head Contra Angle

[1:1 迷你头弯机]



External 外水道



**FIBER OPTIC 光纤**

Order-code 编号: **K23-CA-ML** **INNER** 内水道 **K23-CA-XML** **EXTERNAL** 外水道

**NONE FIBER 非光纤**

Order-code 编号: **K23-CA-M** **INNER** 内水道 **K23-CA-MX** **EXTERNAL** 外水道

Reg. No. 注册号: KX95L (CFDA) / X95L (CE), NX403 (CFDA) / X202 (CE)

**PUSH 按压式**

## 1:1 Inner Contra Angle [1:1 内水道弯机]



**FIBER OPTIC 光纤** Order-code 编号: **K23-CA-KL**

**NONE FIBER 非光纤** Order-code 编号: **K23-CA-K**

Reg. No. 注册号: KX95L (CFDA) / X95L (CE), NX403 (CFDA) / X202 (CE)

**PUSH 按压式** **CA 减速** **Ø2.35**

## 1:1 Straight Head [1:1 内水道直机]



External 外水道



**FIBER OPTIC 光纤** Order-code 编号: **K23-SH-L** **INNER 内水道** **K23-SH-XL** **EXTERNAL 外水道**

**NONE FIBER 非光纤** Order-code 编号: **K23-SH** **INNER 内水道** **K23-SH-X** **EXTERNAL 外水道**

Reg. No. 注册号: KX95L (CFDA) / K95L (CE), NX403 (CFDA) / N201 (CE)

**CA 减速** **Ø2.35**

External Channel

# 1:1 Handpiece

[外水道1:1手机]

TECHNICAL PARAMETER 技术资料

Working dB 工作噪音 ≤63dB

Maximum speed 最高转速 Max. 40,000RPM

Air consumption 耗气量 56NL/min

Air pressure 气压 2.8~3.0Kpa

## 1:1 External Contra Angle

[1:1 外水道弯机]



Order-code 编号: K20-CA

Reg. No. 注册号: NK403 (CFDA) / N202 (CE)

**PUSH 按压式** **CA 减速 2.35**

## 1:1 External Contra Angle

[1:1 外水道弯机]



**PUSH 按压式** Order-code 编号: K21-CA-P

**WRENCH 锁针式** Order-code 编号: K21-CA

Reg. No. 注册号: NK403 (CFDA) / N202 (CE)

**CA 减速 2.35**



## 1:1 External Contra Angle

[1:1 外水道弯机]



**PUSH** 按压式

Order-code 编号: **K22-CA-P**

**WRENCH** 锁针式

Order-code 编号: **K22-CA**

Reg. No. 注册号: NK403 (CFDA) / N202 (CE)

CA 减速  $\varnothing 2.35$

## 1:1 External Straight Head

[1:1 外水道直机]



Order-code 编号: **K20-SH**

Reg. No. 注册号: NK403 (CFDA) / K201 (CE)

CA 减速  $\varnothing 2.35$

## 1:1 External Straight Head

[1:1 外水道直机]



Order-code 编号: **K21-SH**

Reg. No. 注册号: NK403 (CFDA) / K201 (CE)

CA 减速  $\varnothing 2.35$

## 1:1 External Straight Head

[1:1 外水道直机]



**PUSH 按压式**

Order-code 编号: **K22-SH**

Reg. No. 注册号: NK403 (CFDA) / K201 (CE)

**CA 减速  $\varnothing$  2.35**

## 1:1 External Straight Head

[1:1 外水道直机]



Order-code 编号: **K20-SH-1**

Reg. No. 注册号: NK403 (CFDA) / K201 (CE)

**CA 减速  $\varnothing$  2.35**

## 1:1 External Straight Head

[1:1 外水道直机]



Order-code 编号: **K20-SH-2**

Reg. No. 注册号: NK403 (CFDA) / K201 (CE)

**CA 减速  $\varnothing$  2.35**

External Channel

**4:1/32:1 Straight Head**

[4:1/32:1外水道直机]

## TECHNICAL PARAMETER 技术资料

Working dB 工作噪音  $\leq 58\text{dB}$ Working temperature 机身温度  $\leq 20^\circ\text{C}$ 

Maximum speed 最高转速 4:1, 32:1

## 4:1 External Straight Head

[4:1 外水道直机]

Options:

Order-code 编号: **K20-SH-4**

Reg. No. 注册号: NK403 (CFDA) / K201 (CE)

CA 减速  $\varnothing 2.35$ 

## 32:1 External Straight Head

[32:1 外水道直机]

Order-code 编号: **K20-SH-32**

Reg. No. 注册号: NK403 (CFDA) / K201 (CE)

CA 减速  $\varnothing 2.35$

# 1:1 Air Motor

[1:1气动马达]

## TECHNICAL PARAMETER 技术资料

Maximum speed 最高转速	Max. 20,000RPM
Air consumption 耗气量	56NL/min
Air pressure 气压	2.8~3.0Kpa
Forward 正转	≥ 1.8000r/min
Reverse 反转	≥ 1.7000r/min

## AIR MOTOR FEATURE:

- The whole body is made of stainless steel and imported EZO bearing. Self-lubrication eccentric stator, imported material molding blades
- Internal circulation cooling system, no vibration, no heat
- Patented water filter can effectively prevent the problems from the water spray and cooling system
- Compatible with all the handpiece that existing in the market

## 气动马达特点:

- 整体机身采用不锈钢外壳，进口EZO轴承自润滑偏心定子，进口材料成型叶片。
- 内循环冷却系统，不震动，不发热。搭配专利水过滤器结构，有效防止内水道水路堵塞等。
- 冷却的不良问题。
- 通配市场所有低速内水道直机/弯机无缝对接。



## 1:1 Mini Inner Air Motor

[1:1 迷你内水道气动马达]



Order-code 编号: **K23-AM-M**

Reg. No. 注册号: NX203 (CFDA) / NX203 (CE), NX403 (CFDA) / NX403 (CE)

## 1:1 Inner Air Motor

[1:1 内水道气动马达]



⊙ or ⊙  
2 hole 4 hole

Order-code 编号: **K23-AM**

Reg. No. 注册号: NX203 (CFDA) / NX203 (CE), NX403 (CFDA) / NX403 (CE)

## 1:1 External Air Motor

[1:1 外水道气动马达]



⊙ or ⊙  
2 hole 4 hole

Order-code 编号: **K22-AM**

Reg. No. 注册号: NK203 (CFDA) / NK203 (CE), NK403 (CFDA) / NK403 (CE)

## 1:1 External Air Motor

[1:1 外水道气动马达]



⊙ or ⊙  
2 hole 4 hole

Order-code 编号: **K20-AM**

Reg. No. 注册号: NK203 (CFDA) / NK203 (CE), NK403 (CFDA) / NK403 (CE)

# 1:1 LED Air Motor

[1:1LED气动马达]

## TECHNICAL PARAMETER 技术资料

Maximum speed 最高转速 Max. 20,000RPM

Air consumption 耗气量 56NL/min

Air pressure 气压 2.8~3.0Kpa

Forward 正转  $\geq 1,800\text{r/min}$

Reverse 反转  $\geq 1,700\text{r/min}$

## 1:1 Mini Inner Air Motor With LED

[1:1 迷你LED内水道气动马达]



6 hole

Order-code 编号: K23-AM-L

Reg. No. 注册号: KX95L (CFDA) / X95L (CE)

FIBER OPTIC 光纤

## 1:1 Inner Air Motor With LED Generator

[1:1 风光内水道气动马达]



2 hole 4 hole

Order-code 编号: K23-AM-G

Reg. No. 注册号: NX203 (CFDA) / NX203 (CE), NX403 (CFDA) / NX403 (CE)

# 1:2 Increasing Air Motor

[1:2增速气动马达]

## TECHNICAL PARAMETER 技术资料

Maximum speed 最高转速 Max. 40,000RPM

Air consumption 耗气量 56NL/min

Air pressure 气压  $\geq 3.0\text{Kpa}$

Forward 正转  $\geq 3,800\text{r/min}$

Reverse 反转  $\geq 3,500\text{r/min}$

## 1:2 Increasing Inner Air Motor With LED

[1:2 增速LED内水道气动马达]



6 hole

Order-code 编号: **K24-AM-L**

Reg. No. 注册号: KX95L (CFDA) / X95L (CE)

**FIBER OPTIC 光纤**

## 1:2 Increasing Inner Air Motor

[1:2 增速内水道气动马达]



2 hole or 4 hole

Order-code 编号: **K24-AM**

Reg. No. 注册号: NX203 (CFDA) / NX203 (CE), NX403 (CFDA) / NX403 (CE)

Inner/External Channel

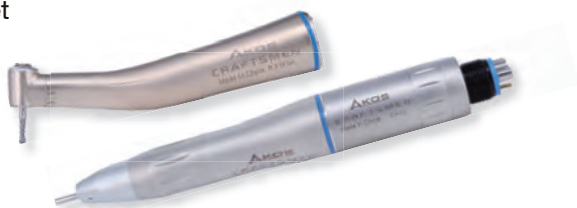
# 1:1 Low speed set

## [内/外水道1:1低速套装]

- The whole body is made of stainless steel, the head is manufactured by integral moulding, more durable.
- The body is according to human body mechanics, ultra silent, super torque.
- Patented water filter can effectively prevent the problems from the water spray and cooling system.
- 整体机身采用不锈钢材质，机头一体成型工艺，精工细琢、完美配备。
- 人体力学曲面外形，超静音超扭力。
- 内循环冷却，搭配专利水过滤器结构，有效防止内水道水路堵塞等冷却不良问题。

### 1:1 Inner Set

#### [1:1 内水道套装]



FIBER OPTIC 光纤

GENERATOR 风光

NONE FIBER 非光纤

Order-code 编号: K23-SET-L

Order-code 编号: K23-SET-G

Order-code 编号: K23-SET

Reg. No. 注册号: KX95L (CFDA)

OCA 减速  $\varnothing$  2.35 PUSH 按压式

### 1:1 Mini Head Inner Set

#### [1:1 迷你内水道套装]



FIBER OPTIC 光纤

GENERATOR 风光

NONE FIBER 非光纤

Order-code 编号: K23-SET-ML

Order-code 编号: K23-SET-MG

Order-code 编号: K23-SET-M

Reg. No. 注册号: NX203 (CFDA), NX403 (CFDA)

OCA 减速  $\varnothing$  2.35 PUSH 按压式



## 1:1 External Set

[1:1 外水道套装]



## 1:1 External Set

[1:1 外水道套装]



## 1:1 External Set

[1:1 外水道套装]



# Fiber Optic High Speed Series

## 光纤高速手机系列





### Excellent cooling performance

4 Point water & mist spray, anti-retraction, providing gentle mist during the surgery



### Imported ceramic ball bearing

German steel plus japanese ceramic ball, combine a finest quality bearing for the turbine, ensure a stable performance and double the life cycle



### Compatibility

Compatible with NSK / KAVO type quick coupling, convenient for replacing the turbines



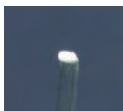
### Special patented filter system

Equipped with a special filter design and one way valve, blocking most of the dirt from getting inside the water tube



### Powerful handpiece rotor

High performance handpiece rotor, quiet and powerful with 18W, torque head with 25W



### High transparent fiber glass rod

40,000 LUX solid fiber optic cellular glass rod, ensure the sufficient illumination for the treatment

Compatible with NSK Machlite

# Fiber Optic High Speed Handpiece

[高速光纤手机 通配NSK款光纤快接头]

## TECHNICAL PARAMETER 技术资料

Working dB 工作噪音	≤68dB
Water spraying mode 喷水方式	4 Points spray(四点喷水)
Maximum speed 最高转速	380,000~420,000rpm
Head size 机头大小	Standard (标准) w11.25 / h13.3mm Mini (迷你) w10.08 / h10.85 mm Torque (大头) w12.5 / h13.3 mm Mini 45° (45°) w10.08 / h10.85mm

### Standard Head

[标准头]



Order-code 编号:  
A06-SPQN



Order-code 编号: A06-SPQN

Reg. No. 注册号: K9 (CFDA, CE)

FIBER OPTIC 光纤 PUSH 按压式

### Torque Head

[大头]



Order-code 编号:  
A06-TPQN



Order-code 编号: A06-TPQN

Reg. No. 注册号: K9 (CFDA, CE)

FIBER OPTIC 光纤 PUSH 按压式

## Mini Head

[小头]



Order-code 编号:  
A06-MPQN



Order-code 编号: A06-MPQN

Reg. No. 注册号: K9 (CFDA, CE)

FIBER OPTIC 光纤 PUSH 按压式

## 45° Head

[45° 头]



Order-code 编号:  
A06-45-MPQN



Order-code 编号: A06-45-MPQN

Reg. No. 注册号: K9 (CFDA, CE)

FIBER OPTIC 光纤 PUSH 按压式

## NSK Type Quick Coupling

[NSK型快接头]



Order-code 编号:  
Q-N1-M6

LED

六孔



6 hole



Order-code 编号:  
Q-N2-M4

四孔/二孔



2 hole 4 hole



Order-code 编号:  
Q-N3-M4

Generator  
自发光

LED

四孔/二孔



2 hole 4 hole

Compatible with KAVO Machlite

# Fiber Optic High Speed Handpiece

[高速光纤手机 通配KAVO款光纤快接头]

## TECHNICAL PARAMETER 技术资料

Working dB 工作噪音	≤68dB
Water spraying mode 喷水方式	4 Points spray(四点喷水)
Maximum speed 最高转速	380,000~420,000rpm
Head size 机头大小	Standard (标准) w11.25 / h13.3mm Mini (迷你) w10.08 / h10.85 mm Torque (大头) w12.5 / h13.3 mm Mini 45° (45°) w10.08 / h10.85mm

## Standard Head

[标准头]



Order-code 编号:  
A06-SPQK



Order-code 编号: A06-SPQK

Reg. No. 注册号: K9 (CFDA, CE)

FIBER OPTIC 光纤 PUSH 按压式

## Torque Head

[大头]



Order-code 编号:  
A06-TPQK



Order-code 编号: A06-TPQK

Reg. No. 注册号: K9 (CFDA, CE)

FIBER OPTIC 光纤 PUSH 按压式

## Mini Head [小头]



Order-code 编号:  
A06-MPQK



Order-code 编号: A06-MPQK

Reg. No. 注册号: K9 (CFDA, CE)

FIBER OPTIC 光纤 PUSH 按压式

## 45° Head [45° 头]



Order-code 编号:  
A06-45-MPQK



Order-code 编号: A06-45-MPQK

Reg. No. 注册号: K9 (CFDA, CE)

FIBER OPTIC 光纤 PUSH 按压式

## KAVO Type Quick Coupling [KAVO型快接头]



Order-code 编号:  
Q-K2-M6

LED

六孔  
  
6 hole



Order-code 编号:  
Q-K3-M4

Generator  
自发光

四孔/二孔  
  
4 hole



Order-code 编号:  
Q-K3-B2

Generator  
自发光

四孔/二孔  
  
2 hole





# LED Handpiece with Generator

## LED自发光手机



### Powerful Torque Cartridge

With imported bearing, rotor work more stable, silence, and life cycle is much longer



### Finest craft spindle

We control all concentricity less than  $15\ \mu\text{m}$ , some can be less than  $10\ \mu\text{m}$ , we don't have problem of losing bur



### Powerful generator

Generator is the heart of the LED, our generator can provide a high illumination, and at the same time more durable against the high temperature sterilization



### Compatible with the quick coupling

Our generator handpiece can work with the international standard coupling, more convenient during the surgery

## 5 LED Shadowless Standard Head

[5灯无影标准头]



Order-code 编号:  
R05-SPL



⊙ or ⊙  
2 hole 4 hole

Order-code 编号: A05-SPL

Reg. No. 注册号: X7 (CFDA) / K9 (CE)

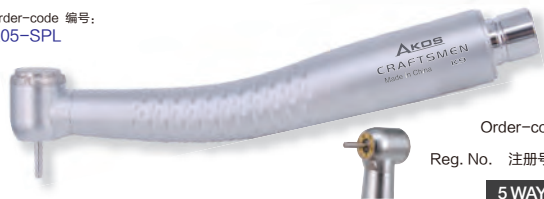
**5 WAY SPRAY 5 AIR 5点喷水**

## 5 LED Shadowless Standard Head

[5灯无影标准头]



Order-code 编号:  
R05-SPL



Couplings



2 hole 4 hole

Order-code 编号: A05-SPQL

Reg. No. 注册号: X7 (CFDA) / K9 (CE)

5 WAY SPRAY 5 AIR 5点喷水

## 2 LED Paediatric Mini Head

[双灯小头]



Order-code 编号:  
R05-MP



2 hole 4 hole

Order-code 编号: A05-MP

Reg. No. 注册号: X7 (CFDA) / K9 (CE)

1 WAY SPRAY 4 AIR 单点喷水

## 2 LED Paediatric Mini Head

[双灯小头]



Order-code 编号:  
R05-MP



Couplings



2 hole 4 hole

Order-code 编号: A05-MPQ

Reg. No. 注册号: X7 (CFDA) / K9 (CE)

1 WAY SPRAY 4 AIR 单点喷水

## Single LED Standard / Torque Head

[单灯标准头/大头]



Order-code 编号:  
R05-SP / R05-TP



⊙ or ⊙  
2 hole 4 hole

Order-code 编号: A05-SP / A05-TP



Reg. No. 注册号: X7 (CFDA) / K9 (CE)

1 WAY SPRAY 1 AIR 单点喷水

## Single LED Standard / Torque Head

[单灯标准头/大头]



Order-code 编号:  
R05-SP / R05-TP



⊙ or ⊙  
2 hole 4 hole

Order-code 编号: A05-SPM1 / A05TPM1



Reg. No. 注册号: X7 (CFDA) / K9 (CE)

1 WAY SPRAY 单点喷水

## Single LED 45° Head

[单灯45° 头]



Order-code 编号:  
R05-45SP



⊙ or ⊙  
2 hole 4 hole

Order-code 编号: A05-45-MP



Reg. No. 注册号: X7 (CFDA) / K9 (CE)

1 WAY SPRAY 单点喷水



135°C 135 high temperature & high pressure auto clavable



Can be washed with hot water



1 year warranty

# Standard Handpiece Series

普通手机系列





# 4 Points Spray Handpiece

[4点喷水手机]

Standard Head

[标准头]



Order-code 编号:  
R04-SP



 or   
2 hole 4 hole

Order-code 编号: **A04-SP**

Reg. No. 注册号: K1 (CFDA, CE), K6 (CFDA, CE)

**4 WAY SPRAY 4点喷水**

Torque Head

[大头]



Order-code 编号:  
R04-TP



 or   
2 hole 4 hole

Order-code 编号: **A04-TP**

Reg. No. 注册号: K1 (CFDA, CE), K6 (CFDA, CE)

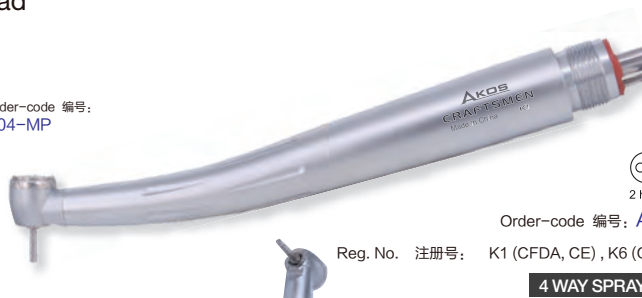
**4 WAY SPRAY 4点喷水**

Mini Head

[迷你头]



Order-code 编号:  
R04-MP



 or   
2 hole 4 hole

Order-code 编号: **A04-MP**

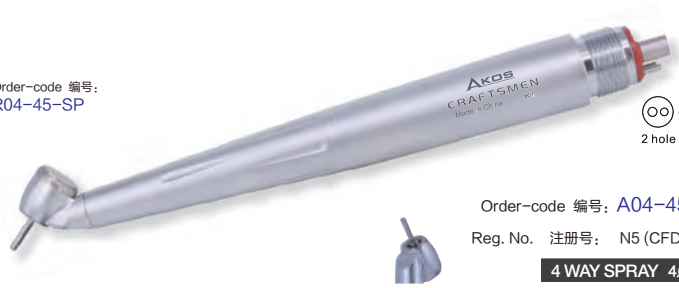
Reg. No. 注册号: K1 (CFDA, CE), K6 (CFDA, CE)

**4 WAY SPRAY 4点喷水**

45° Head  
[45° 头]



Order-code 编号:  
R04-45-SP



Order-code 编号: A04-45-SP  
Reg. No. 注册号: N5 (CFDA, CE)

**4 WAY SPRAY 4点喷水**

Standard Head  
[标准头]



Order-code 编号:  
R04-SP



Order-code 编号: A04-SPQ  
Reg. No. 注册号: N8 (CFDA, CE)

**4 WAY SPRAY 4点喷水**

Torque Head  
[大头]

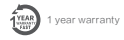
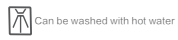


Order-code 编号:  
R04-TP



Order-code 编号: A04-TPQ  
Reg. No. 注册号: N8 (CFDA, CE)

**4 WAY SPRAY 4点喷水**



Cartridge compatible with NSK

# Anti-retraction Handpiece

[防回吸卫生机头手机]

## TECHNICAL PARAMETER 技术资料

Working dB 工作噪音	≤68dB
Power 功率	8.5N
Maximum speed 最高转速	350,000~380,000rpm
Head size 机头大小	Standard (标准) w11.25 / h13.3mm Torque (大头) w12.5 / h13.3 mm

## Anti-retraction Push Button Handpiece

[防回吸按压手机]

Order-code 编号:  
R02-SPM3Order-code 编号:  
R02-TPM3

2 hole 4 hole

Standard head Order-code 编号: A02-SPM3

Torque head Order-code 编号: A02-TPM3

Reg. No. 注册号: K1 (CFDA, CE), K6 (CFDA, CE)

4 way spray 4 air 4点喷水4点喷气

## Anti-retraction Standard Head Push Button Handpiece

[防回吸按压手机]

Order-code 编号:  
R02-SPM2

2 hole 4 hole

Order-code 编号: A02-SPM2

Reg. No. 注册号: K1 (CFDA, CE), K6 (CFDA, CE)

1 way spray 1 air 单点喷水单点喷气



## Anti-retraction 45° Push Button Handpiece

[防回吸45° 按压手机]



Order-code 编号:  
R02-SPM1



○ or ○  
2 hole 4 hole

Order-code 编号: **A02-45-SPM**

Reg. No. 注册号: N5 (CFDA, CE)

**1 way spray 单点喷水**

## Anti-retraction Push Button Handpiece

[防回吸按压手机]



Order-code 编号:  
R02-SPM1



Order-code 编号:  
R02-TPM1



○ or ○  
2 hole 4 hole

Standard head Order-code 编号: **A02-SPM1**

Torque head Order-code 编号: **A02-TPM1**

Reg. No. 注册号: K1 (CFDA, CE), K6 (CFDA, CE)

**1 way spray 1 air 单点喷水单点喷气**

## Anti-retraction Push Button Handpiece With Quick Coupling

[防回吸按压快接手机]



Order-code 编号:  
R02-SPM1



Order-code 编号:  
R02-TPM1



Couplings



○ or ○  
2 hole 4 hole

Standard head Order-code 编号: **A02-SPQ**

Torque head Order-code 编号: **A02-TPQ**

Reg. No. 注册号: K1 (CFDA, CE), K6 (CFDA, CE)

**1 way spray 1 air 单点喷水单点喷气**

# Handpiece Kit

[高低速手机组合套装/学生套装]

## AK31-KIT-X

1 or 2 High 1 Low complete set

- High speed handpiece x 1 or 2
  - Contra Angle x 1
  - Straight head x 1
  - Air motor x 1
- Luxury Aluminum or Normal Plastic



Cartridge for high speed x 1



## AK31-KIT-1

1 High 1 Low complete set

- High speed handpiece (Push button) x 1
- Contra Angle (Latch type) x 1
- Straight head x 1
- Air motor (External water) x 1



Cartridge for high speed x 1



## AK31-KIT-2

2 High 1 Low complete set

- High speed handpiece (Wrench type) x 2
- Contra Angle (Latch type) x 1
- Straight head x 1
- Air motor (External water) x 1



Cartridge for high speed x 1



## AK31-KIT-3

### 2 High 1 Low complete set

- High speed handpiece (Push button) x 2
- Contra Angle (Latch type) x 1
- Straight head x 1
- Air motor (External water) x 1

 Cartridge for high speed x 1



## AK31-KIT-4

### 1 High 1 Low complete set

- Anti-Retraction handpiece (Push button) x 1
- Contra Angle (Latch type) x 1
- Straight head x 1
- Air motor (External water) x 1

 Cartridge for high speed x 1



## AK31-KIT-5

### 1 High 1 Low complete set

- Quattro spray handpiece (Push button) x 1
- Contra Angle (Push button) x 1
- Straight head x 1
- Air motor (Inner water) x 1

 Cartridge for high speed x 1



# Handpiece spare part

[牙科手机配件]

Low Speed

Shaft 传动轴

1 : 1



>Shaft 1-1

16 : 1



>Shaft 16-1

20 : 1



>Shaft 20-1

1 : 5



>Shaft 1-5

1 : 4.2



>Shaft 1-4.2

1 : 5 M



>Shaft 1-5M

Cartridge 机芯



>R 1-1

1 : 1



>R 16-1

16 : 1



>R 20-1

20 : 1



>R 1-5

1 : 5



>R 1-4.2

1 : 4.2



>R 1-5M

1 : 5M

Head cap of contra angle 后盖



>Cap 1-1

1 : 1



>Cap 16-1

16 : 1



>Cap20-1

20 : 1



>Cap1-5

1 : 5



>Cap1-4.2

1 : 4.2

# High Speed

## Cartridge 机芯

FOR NSK®



NPA-M03  
>R01-M



NPA-MU03  
>R01-MP



NPA-S03  
>R01-S



NPA-SU03  
>R01-SP



NPA-T03  
>R01-T



NPA-TU03  
>R01-TP



PAX-SU03  
>R02-SPM1



PAX-TU03  
>R02-TPM1



PAX2-SU03  
>R01-SPM2



SX-MU03  
>R01-SPM3



SX-SU03  
>R02-TPM3



NSK-X500L  
>R-X500L



NSK-X600L  
>R-X600L

FOR KaVo®



KAVO-8000  
>R-8000



KAVO-105/660  
>R-105



KAVO-637  
>R-637



原版

KAVO-645/642 Original  
>R-645 Original



巴西版

KAVO-636/646 Brasil  
>R-636 Brasil



德国版

KAVO-636/640/625/655 Germany  
>R-636 Germany

FOR Sirona®



标准版

SIRONA T3 standard  
>R-T3standard



迷你版

SIRONA T3 mini  
>R-T3mini

FOR W&H®



W&H TE-96  
>R-TE96






W&H TE-98  
>R-TE98

## Shaft of cartridge high speed handpiece 高速手机机芯按压轴

### Push button spindle 按压款

	10.6 mm	<a href="#">PS-10.6</a>
	11.8 mm	<a href="#">PS-11.8</a>
	12.6 mm	<a href="#">PS-12.6</a>
	12.75 mm	<a href="#">PS-12.75</a>
	13.75 mm	<a href="#">PS-13.75</a>

### Wrench button spindle 锁针款

	10.85 mm	<a href="#">WS-10.85</a>
	12.55 mm	<a href="#">WS-12.55</a>
	13.25 mm	<a href="#">WS-13.25</a>



FIT IN PAX-SU03

order-code  
Group-PAX-SU03



FIT IN PAX-S03

order-code  
Group-PAX-S03



FIT IN PAX-TU03

order-code  
Group-PAX-TU03



FIT IN PAX-T03

order-code  
Group-PAX-T03



FIT IN PAX2-SU03

order-code  
Group-PAX2-SU03



FIT IN PAX2-S03

order-code  
Group-PAX2-S03



FIT IN SX-MU03

order-code  
Group-SX-MU03



FIT IN SX-SU03

order-code  
Group-SX-SU03



FIT IN NPA-MU03

order-code  
Group-NPA-MU03



FIT IN NPA-M03

order-code  
Group-NPA-M03



FIT IN NPA-SU03

order-code  
Group-NPA-SU03



FIT IN NPA-S03

order-code  
Group-NPA-S03



FIT IN NPA-TU03

order-code  
Group-NPA-TU03



FIT IN NPA-T03

order-code  
Group-NPA-T03



## Head cap of high speed handpiece 高速手机后盖

### Fit into NSK®



PAX-SU03 > Cap-PAX-SU03



SX-SU03 > Cap-SX-MU03



PAX-TU03 > Cap-PAX-TU03



NPA-S03 > Cap-NPA-S03



PAX2-SU03 > Cap-PAX2-SU03



NPA-SU03 > Cap-NPA-SU03



SX-MU03 > Cap-SX-MU03



X600 / X600L > Cap-X600

### Fit in Sirona®



T3 mini > Cap-T3mini



8000B / 105 / 660 / 507 > Cap-8000B



T3 standard > Cap-T3 standard



645 / 642 > Cap-645

### Fit into KaVo®

## Quick coupling of high speed handpiece 高速手机快接头

### Fit into KaVo®



order-code 编号:

6 hole LED > Q-K2-M6



order-code 编号:

4 hole LED > Q-K3-M4

自发光 Generator



order-code 编号:

2 hole LED > Q-K3-B2

自发光 Generator

### Fit into NSK®



order-code 编号:

6 hole LED > Q-N1-M6



order-code 编号:

4 hole LED > Q-N2-M4



order-code 编号:

4 hole LED > Q-N3-M4

自发光 Generator



order-code 编号:

4 hole LED > Q-M4



order-code 编号:

2 hole LED > Q-M2



# Impeller specification 风轮

## Fit into NSK®



## Fit into KaVo®



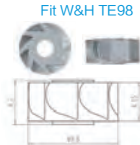
## Fit into W&H®



>I-018



>I-019



## Fit in Sirona®



>I-020



>I-021



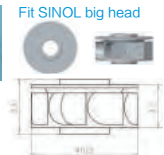
>I-022



>I-023



>I-024



## Bearing of high speed handpiece 轴承



>BRG-2.38

Ø6.35xØ3.175xh2.38  
(ceramic bearing)



>BRG-2.78

Ø6.35xØ3.175xh2.78  
(ceramic bearing)



>BRG-2.78  
Double flange

Fit W&H 95  
SFFR144xh2.78  
(双法兰)



>BRG-2.38  
Step







Ø6.35xØ3.175xh2.38 (step)  
(ceramic bearing)



>BRG-2.78  
Step

Ø6.35xØ3.175xh2.78 (step)  
(ceramic bearing)

## Head spare part of speed handpiece 低速手机机头组件

	<p>Fit NSK 1:1/Ti-Max X25/ NSK Ti-Max X25L &gt;Group- 1:1L ○ CA转速 <math>\varnothing</math> 2.35</p>		<p>Fit NSK 1:5/TI-MAX Z95L &gt;Group- 1:5M P 按压式 ○ FG高速 <math>\varnothing</math> 1.6</p>
	<p>Fit NSK 1:1/Ti-Max X25/ NSK Ti-Max X25L &gt;Group- 1:1H ○ FG高速 <math>\varnothing</math> 1.6</p>		<p>Fit NSK 1:4.2/TI-MAX Z45L &gt;Group- 1:4,2 P 按压式 ○ FG高速 <math>\varnothing</math> 1.6</p>
	<p>Fit NSK MP-F16P/MPA-F16R/ MOAS-F16R &gt;Group- 16:1 ○ FG高速 <math>\varnothing</math> 1.6</p>		<p>Fit NSK 20:1/Ti-Max X-SG20/ Ti-Max X-SG20L &gt;Group- 20:1 P 按压式 ○ CA转速 <math>\varnothing</math> 2.35</p>

## Cartridge repair kit 手机维修工具



> AK-Tool-01  
普通机芯维修工具  
Cartridge repair kit



齐全的整套工具  
Full set of Handpiece Repair Tools



铝合金手提包装箱  
Aluminum Alloy Suitcase



> AK-Tool-02  
专业机芯维修工具  
Professional cartridge repair kit



专业机芯维修工具，适用于市面上各种品牌的牙科手机机芯维修  
(需自备手动冲压工具配合使用)  
Professional cartridge repair kit, suitable to all kinds of well-known brands handpieces  
(require hand-use punch machine)



# Niti File System

## [镍钛锉系统]

### Niti Protaper (Blue)

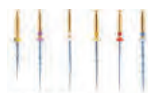
镍钛大锥度蓝色锉

> F-001

- CM-Niti material with heat treatment technology, more flexible and durable
- Security tip, reduces the possibility of root canal deviation
- Smart varied taper design, high efficiency
- Made of high quality controlled memory wire, after heat activation treatment blue color is derived
- Blue file is flexible, tough, and pre-curved suitable for curved canals
- More sharper and performs better for canal preparation
- 6pcs per pack, available for single or assorted size



Controlled Memory  
Thermal Activation  
Triangle Cross Section  
Anti-Broken



Product Name 产品名称	Length 长度(mm)	Size 型号	Cross-Sectional 横截面	Taper 锥度(%)	Tip 针尖尺寸(mm)	Recommended rotary speed 推荐转速	Torque 扭力	Packing 包装规格
Niti Protaper   Blue   镍钛大锥度蓝色锉	21/25/31	SX		3.5-0	0.16	150-300 RPM	2.0-2.5 N.cm	6pcs/box or blister Single or Assorted are available 可单/混装
		S1		2-11	0.17			
		S2		4-11.5	0.20			
		F1		7	0.20			
		F2		8	0.25			
		F3		9	0.30			
F4	8	0.40						
F5	9	0.50						

### Preshaper

D3 锉

> F-002

- High quality of Niti Alloy, after special heat treatment, the file is more flexible, almost impossible to break
- Special design has many advantages for cutting, and easy to remove the debris
- Safe round shape of the top, avoid creating step or side perforation
- Rotating smooth and responsively in the canal, more efficient and strong
- 6pcs per pack, available for single or assorted sizes  
(2pcs hand K files, 4pcs engine files)



Product Name 产品名称	Length 长度(mm)	Size 型号	Recommended rotary speed 推荐转速	Torque 扭力	Packing 包装规格
Preshaper D3 锉	21/25/31	S1	250-300 RPM	2.5N.cm	6pcs/box Single or Assorted are available 可单/混装
		S2			
		S3			
		R	350 RPM	2.5N.cm	

## Niti Protaper ( Gold, Thermal Activation )

镍钛机用锉 ( 金色热激活 )

> F-003

- The file is multi-tapered, more flexible and has a better performance while cutting
- High quality Niti Alloy, will become gold color after heat treatment
- 6pcs per pack, available for single or assorted sizes.



Advanced heat treatment  
Special processing technique  
More Sharp Sharper  
Strong & Flexible



Product Name 产品名称	Length 长度(mm)	Size 型号	Cross-Sectional 横截面	Taper 锥度(%)	Tip 针尖尺寸(mm)	Recommended rotary speed 推荐转速	Torque 扭力	Packing 包装规格
Niti Protaper (Gold Thermal Activation) 镍钛机用锉 ( 金色热激活 )	21/25/31	Ø SX	 (F4/F5)	3.5-9	0.19	150-300 RPM	2.0-2.5 N.cm	6pcs/box or blister Single or Assorted are available 可单件/混装
		Ø S1		2-11	0.17			
		S2		4-11.5	0.20			
		F1		7	0.20			
		F2		8	0.25			
		F3		9	0.30			
		F4		5	0.40			
		F5		5	0.50			

## Kids File (for children)

乳牙锉

> F-004



- Short thread design, matching the short root canal of baby's teeth;
- The small files protect the fragile root canal wall of baby's teeth effectively;
- The thread is changed from the tip of the files to the back to facilitate chip evacuation

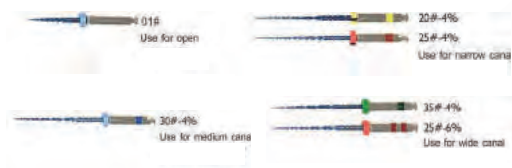
Product Name 产品名称	Length 长度(mm)	Size 型号	Cross-Sectional 横截面	Taper 锥度(%)	Tip 针尖尺寸(mm)	Recommended rotary speed 推荐转速	Torque 扭力	Packing 包装规格
Kids Files 乳牙锉	12mm	25#04	 (F4/F5)	4	0.25	150-300 RPM	2.0-2.5 N.cm	6pcs/box Single or Assorted are available 可单件/混装
	12mm	25#06		6	0.25			
	12mm	30#04		4	0.25			
	14mm	40#04		4	0.25			

## SUPER FLEXI FILES (Thermal Activation)

超韧锉 (热激活功能)

> F-005

PRO-FLEXI FILES is a simple but effective rotary system.  
Special heat treatment result in blue color  
One sequence for all root canals



Product Name 产品名称	Length 长度(mm)	Size 型号	Cross-Sectional 横截面	Taper 锥度(%)	Tip 针尖尺寸(mm)	Packing 包装规格
<b>SUPER FLEXI FILES</b> 超韧锉 (Thermal Activation) 热激活功能	19	01/09		9	0.25	6pcs/box or blister Single or Assorted are available 可选单/混装
		20/04		4	0.20	
	21/25/31	25/04		4	0.25	
		30/04		4	0.30	
		35/04		4	0.35	
		25/08		6	0.25	

## One File ( compatible with Reciproc VDW )

单支锉

> F-006

Only one file can finish preparing a root canal  
With less procedure, effective and time saving  
Special thread design, reciprocating movement  
3 different sizes suitable for all kinds of root canals  
6pcs per pack, available for single or assorted sizes.



Product Name 产品名称	Length 长度(mm)	Size 型号	Cross-Sectional 横截面	Taper 锥度(%)	Tip 针尖尺寸(mm)	Packing 包装规格
<b>One File</b> (compatible with Reciproc VDW) 单支锉	21/25/31	R25		8	0.25	6pcs/box or blister Single or Assorted are available 可选单/混装
		R40		6	0.40	
		R50		5	0.50	



## Taper Fissure

Crown and bridge preparation



	▲ TF-009	TF-011	TF-012	TF-014S	TF-014	TF-014EL	TF-016S	TF-016	
	JP Type	-	TF-41	TF-42	TF-43	TF-20	TF-11	TF-31	TF-21
	EU Type	845009	845011	845012	845014	847014	848014	845016	847016
	▲ TF-016L	TF-018	TF-018L	TF-021	TF-023L	TF-016R	TF-018R	TF-016	
	JP Type	TF-12	TF-23	TF-13	TF-22	TF-14	TF-11	TF-31	TF-21
	EU Type	848016	845018	848018	845021	848023	845KR016	845KR018	847016



## Wheel

Crown and bridge preparation  
Occlusal reduction



▲ WR-042	
JP Type	WR-13
EU Type	909042



## Conical Ogival

Crown and bridge preparation  
Cavity Preparation



▲ C0-012	C0-012EL	C0-014	C0-016	
JP Type	F0-41	F0-11	F0-21	F0-22
EU Type	861012	863012	862014	862016



## Torpedo

Cavity Preparation



▲ TB-012S	TB-012	TB-014L	TB-016	TB-016L	TB-018L	
JP Type	S0-S20	S0-20	S0-21	-	-	
EU Type	-	845011	845012	-	847014	848014



## Round End taper fissure

Crown and bridge preparation



▲ TR-012	TR-014	TR-016S	TR-016	TR-016L	TR-A016S	TR-01
JP Type	-	TR-20	TR-S21	TR-21	TR-11	TR-12
EU Type	856012	856014	856016	856016	850016	850016

▲ TF-021L	TF-021EL	TF-023EL
JP Type	TR-14	TR-15
EU Type	856021	850021



## Taper Conical

Crown and bridge preparation  
Occlusal reduction / Cavity Preparation



▲ TR-012	TR-014	TR-016S	TR-016
JP Type	-	TR-20	TR-21
EU Type	856012	856014	856016



## Flat Fissure

Crown and bridge preparation



▲ FF-010	FF-012L	FF-013	FF-014	FF-014L	FF-016L
JP Type	SF-41	SF-11	SF-31	SF-21	SF-12
EU Type	835010	837012	835013	836014	837014



# FG diamond burs

## [金刚砂车针]



### Round

Cavity Preparation



▲	RB-006	RB-008	RB-010	RB-012	RB-014	RB-016
JP Type	-	BR-49	BR-45	BR-46	BR-41	BR-40
EU Type	801006	801008	801010	801012	801014	801016
▲	RB-018	RB-023				
JP Type	BR-31	-				
EU Type	801018	801023				



### Pear

Cavity Preparation



▲	PR-008	PR-012	PR-018	PR-021	PR-032
JP Type	-	-	EX-20	EX-21	EX-26
EU Type	830008	830012	830018	830021	830032



### BUD

Cavity Preparation




▲	BB-016	BB-018	BB-028	BB-032	EB-018	EB-023
JP Type	-	-	F0-25	F0-27	EX-26	EX-40
EU Type	390016	368018	368028	368032	379018	379023

# FG Carbide burs


[FG钨钢车针]

**Round**




US No.	1/4	1/2	1	2	3	4
FG 500 314 001 006...	005	006	008	010	012	014
Order No.	RB-005	RB-006	RB-008	RB-010	RB-012	RB-014

**Round End Fissure**



US No.	1555	1556		1557	1558	1559
FG 500 314 137 008...	006	008	009	010	012	014
Order No.	REF-006	REF-008	REF-009	REF-010	REF-012	REF-014

**Pear**




US No.	329	330		331	332	333
FG 500 314 237 006...	006	008	009	010	012	014
Order No.	PR-006	PR-008	PR-009	PR-010	PR-012	PR-014

**Taper Fissure**



US No.	698	699	700	701	
FG 500 314 168 008...	008	009	010	012	014
Order No.	TF-S8008	TF-S8009	TF-S8010	TF-S8012	TF-S8014

**Inverted Cone**




US No.	33 1/2	34	35	36	37
FG 500 314 010 006...	006	008	010	012	014
Order No.	INC-006	INC-008	INC-010	INC-012	INC-014

**Flat End Fissure**



US No.	557		558	559
FG 500 314 107 008...	010		012	014
Order No.	FF-B010		FF-B012	FF-B014

**Flat End Fissure**




US No.	55	57	58
FG 500 314 107 006...	008	010	012
Order No.	FF-S008	FF-S010	FF-S012

# HP Carbide burs


[HP低速直柄钨钢车针]

**Round**




US No.	1/4	1/2	008	2	3	4	5	6	7	8
HP 500 104 001 006...	005	006	008	010	012	014	016	018	021	023
Order No.	RB-005	RB-006	RB-008	RB-010	RB-012	RB-014	RB-016	RB-018	RB-021	RB-023

**Round End Fissure**




US No.	1555	1556	009	1557	1558	1559	1560	1561	1563
HP 500 104 137 008...	006	008	009	010	012	014	016	018	023
Order No.	REF-006	REF-008	REF-009	REF-010	REF-012	REF-014	REF-016	REF-018	REF-023

**Pear**




US No.	329	330	009	331	332	333
HP 500 104 237 006...	006	008	009	010	012	014
Order No.	PR-006	PR-008	PR-009	PR-010	PR-012	PR-014

**Taper Fissure**




US No.	698	699	700	701	702	703
HP 500 104 168 008...	008	009	010	012	016	021
Order No.	TF-SB008	TF-SB009	TF-SB010	TF-SB012	TF-SB016	TF-SB021

**Inverted Cone**



US No.	33 1/2	34	35	36	37	38	39	40	41
HP 500 104 010 006...	006	008	010	012	014	016	018	021	023
Order No.	INC-006	INC-008	INC-010	INC-012	INC-014	INC-016	INC-018	INC-021	INC-023

**Flat End Fissure**



US No.	557	558	559	560	561	562	563
HP 500 104 107 008...	010	012	014	016	018	021	023
Order No.	FF-B010	FF-B012	FF-B014	FF-B016	FF-B018	FF-B021	FF-B023

**Flat End Fissure**



US No.	55	57	58	60	018	021
HP 500 104 107 006...	008	010	012	016	018	021
Order No.	FF-S008	FF-S010	FF-S012	FF-S016	FF-S018	FF-S021

Inner/External Channel

# Dental electric motor

[牙科电动马达]

Dental Electric Motor  
牙科电动马达

Order-code 编号: AK-EM1

Dental Electric Motor  
牙科电动马达

Order-code 编号: AK-EM2

Dental Electric Motor  
牙科电动马达

Order-code 编号: AK-EM3

功能特点:

- ◆使用无碳刷马达, 超静音, 运转负载稳定, 体积小, 操作简单
- ◆完美配备各知名品牌1:5/1:1/161变速或等速E型接口光纤弯机手柄。

Feature:

- ◆ Use brushless motor, ultra silent, stable, compact, simple operation
- Perfectly compatible with various famous brands of 1: 5/1: 1/16: 1 etc. E type connection interface fiber bending machine handle.

	100	1,000	2,000	2,500	10,000	40,000	200,000
16:1		100~2,500min <sup>-1</sup>					
1:1				2,000~40,000min <sup>-1</sup>			
1:5						10,000~200,000min <sup>-1</sup>	

控制系统 (Control system) :矢量控制系统 (Vector control system)

电机类型 (Motor type) :直流无刷电机 (Dc brushless motor)

最大扭矩 (Max torque) :3.4ncm

电源输入 (Input power) :DC24V

马达尺寸 (The motor size) :φ22×71mm

马达重量 (weight) :67g

噪音 (Noise) :&lt;60db

光源 (LED) : (white light)

控制器尺寸 (Controller size) :L15.00×128.00xh55.00mm

总重量 (The total weight) :250.00g



外置显示操控面板  
Operational panel

Dental Electric Motor(Bulit-in)  
牙科电动马达(内置式)

Order-code 编号: AK-EM-int1

控制系统 ( Control system ) :  
 矢量控制系统 ( Vector control system )  
 电机类型 ( Motor type ) :  
 直流无刷电机 ( Dc brushless motor )  
 最大扭矩 ( Max torque ) :3.0ncm  
 电源输入 ( Input power ) :D24V  
 马达尺寸 ( The motor size ) :22 × 171mm  
 马达重量 ( weight ) :67g  
 噪音 ( Noise ) :<60db  
 光源 ( LED ) : ( white light )

功能特点:

- ◆使用无碳刷马达, 超静音, 运转负载稳定, 体积小, 操作简单
- ◆完美配备各知名品牌1:5/1:1/16:变速或等速E型接口光纤弯机手柄。
- ◆内置式, 容易安装在牙椅上
- ◆简单可操控面板, 屏幕显示参数
- ◆广泛的转速调节功能:100--200000转/分范围, 适用于各种临床应用

Feature:

- ◆Use brushless motor, ultra silent, stable,compact, simple operation
- ◆Perfectly compatible with various famous brands of 1: 5/1: 1/16: 1 etc. E type connection interface fiber bending machine handle. According to the different treatments and different handpieces, the speed can be adjusted from 100-200,000rp-min.
- ◆Built-in, easily installed at any angle
- ◆Simple operate panel, Digital display
- ◆According to the different treatments and different handpieces, the speed can be adjusted from 100-200,000rpm/min.



按键调控参数  
Touch button for control

Dental Electric Motor(Bulit-in)  
牙科电动马达(内置式)

Order-code 编号: AK-EM int2



With Apex Locator

# Dental endo motor

[根管治疗仪]

Endo motor with apex locator  
根管治疗仪 (带根测功能)

Order-code 编号: AK-ENDO1



技术参数 Technical:

1. Battery 电池: 7.2V/1400mah
2. Adapter 适配器: 100v2400.850hz/60z
3. Revolving speed 转速: 200~600rpm
4. Torsion 扭力: 0.64.0n.cm

功能特点:

- 1、来自德国的超精密电机，低噪音和振动
- 2、彩色LCD大屏幕，所有角度都可见
- 3、四种工作模式：单根管长度测量，单根管扩大，往复式旋转运动和边测量边扩大
- 4、六种功能：多频长度测量技术，根管扩大，到达设定扭力反转，往复式运动，自动减速，启动/停止
- 5、按键界面大，功能清晰，声音可调
- 6、16:1迷你按压弯机，通配 NSK endo-mate

Features:

1. Ultraprecise motor originating in germany, super silent and low vibration.
2. Large colorful LED screen, all view angles visible.
3. Four working modes: measuring the root-canal length, root-canal treatment, Reciprocating movement and Both root-canal length measuring and endo treatment.
4. Six functions: Multi-Frequency apex locate, endo treatment, Automatic mode, Reciprocating movement, Automatic decelerate in apical zone, Automatic start/stop.
5. Main accessories include: Contra-angle handpiece, File clip, Lip hook and Measuring file, which can be sterilized in high temperature and pressure to avoid cross infection.
6. 16:1 mini head push button contra angle, fit into NSK endo-mate.

根管治疗用弯机可选购:  
Contra angle for endo motor Options



#### 技术参数 Technical:

1. 电池Battery: 7.2V/1400mAh
2. Adapter适配器: 100v240v0.8A50hz/60Hz
3. Revolving speed转速: 200~600rpm
4. Torsion扭力: 0.64.0n.cm

#### 功能特点:

- 1、无线手柄设计，简单方便
- 2、来自德国的超精密电机，低噪音和振动
- 3、LCD彩色屏幕，清晰明了
- 4、自动扭力反转模式及反转警报功能
- 5、适用于所有主流的镍钛系统
- 6、专门的往复运动模式
- 7、ED照明系统，可拆卸、可高温灭菌
- 8、16:1迷你按压弯机，通配 NSK endo-mate

#### Features:

1. Wireless handle, simple and convenient
2. Ultraprecise motor originating in germany, super silent and low vibration.
3. LCD screen
4. Automatic torque reversal mode and reverse alarm function
5. Applicable to all mainstream NITI systems
6. Reciprocating mode
7. LED lighting system, removable high temperature sterilization
8. 16:1 mini head push button contra angle, fit into NSK endo-mate



Apex Locator  
牙根管长度测定仪 AK-APEX1



Apex Locator  
牙根管长度测定仪 AK-APEX2



Gutta cutter  
牙龈切断器 AK-CUTTER



Pulp tester  
牙髓活力测试仪 AK-PULP



3s curing

Curing Light  
3秒光固化  
AK-LC1



1s curing

Curing Light  
1秒光固化  
AK-LC2



Curing Light  
光固化 AK-LC3



Curing Light  
光固化 AK-LC4

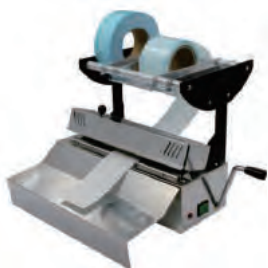




Intra-oral camera  
口腔内窥镜 AK-CAMERA1



Intra-oral camera  
口腔内窥镜 AK-CAMERA2



Sealing machine  
封口机 AK-SEALING1



Sealing machine  
封口机 AK-SEALING2



Amalgamator  
银汞调合机 AK-BLENDER



Ultrasonic cleaner  
超声波清洗机 AK-CLEANER



Lubrication system  
手机清洗注油机 AK-LUBRICATER



Water Distiller  
蒸馏水机 AK-YMK40201





Turbine(with water bottle)  
台式涡轮机(带储水瓶) AK-TURBINE1



Turbine(with water bottle)  
台式涡轮机(带储水瓶) AK-TURBINE2



Portable turbine  
便携式涡轮机 AK-TE1



Dental Mobile Unit  
牙科移动式涡轮机 AK-UT331



Alginate Stone Mixer  
藻酸盐印模粉搅拌机 AK-MIXER



lamp arm  
灯臂 AK-F501



Column  
灯柱 AK-F500



LED dental lamp  
LED口腔灯

AK-LP1



LED dental lamp  
LED口腔灯

AK-LP2



LED dental lamp  
LED口腔灯

AK-LP3



LED口腔灯

AK-LP4



LED dental lamp  
LED口腔灯

AK-LP5



LED dental lamp  
LED口腔灯

AK-LP6



LED dental lamp  
LED口腔灯

AK-LP7



LED dental lamp  
LED口腔灯

AK-LP8



LED dental lamp  
LED口腔灯

AK-LP9



Ceiling Type Single Head  
单灯吊顶式

AK-LP10



Ceiling Type Double Heads  
双灯吊顶式

AK-LP11



Dental- Unit Type  
机装式

AK-LP12



Floor Standing Type  
移动式

AK-LP13



Headband Loupe With Light  
头戴式放大镜头灯

AK-DY1



Headband Loupe With Light  
头戴式放大镜头灯

AK-DY2



Headband Loupe With Light  
头戴式放大镜头灯

AK-DY3

**Per ordinare:**  
**ilic@ilicdental.com - tel +39 02 36 512 990**

Cliente		
Indirizzo		
Città	CAP	Prov
	Tel	Cell
Ind. consegna		
P.IVA	C.Fisc.	
e-mail	Codice SDI	

CODICE	RIF	PRODOTTO/DESCRIZIONE	PREZZO cad.	Q.TÀ	OFFERTA

**Giorni di apertura:** **Mattino L M M G V S Pomeriggio L M M G V S**

**CONTRIBUTO SPESE SPEDIZIONE:**

**Ordini superiori a € 130,00** (IVA esc.) nessun contributo spese

**Ordine fino a € 130,00 (i.e.) + € 12,00 - inferiori a € 75,00 (i.e.) + € 15,00**

**PAGAMENTO:** Ordini inf. a € **130,00** (i.e.):  Contrassegno (+ € **6,50**)

Bonifico anticipato

Carta di credito o POS

Ordini sup. a € **130,00** (i.e.):  Contrassegno (+ € **6,50**)

R.B. 30 gg. d.f.

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**DATA**

**TIMBRO E FIRMA**

Ai sensi della legge 196/03 le rammentiamo l'esistenza dei diritti che la legge stessa riserva ai titolari dei dati personali e, in particolare del diritto di verifica e di richiederne la cancellazione. Con la compilazione della presente cartolina, Lei acconsente alla raccolta dei dati forniti e alla loro comunicazione ai nostri partner commerciali al fine di poter ricevere informazioni e offerte commerciali. In caso di dissenso barri la casella qui a fianco.



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