



DENTAL HANDPIECE CATALOG

**Contra-Angles • Air Turbine Handpieces • Endo
Attachments**

Dentsma

Online Store: www.dentsma.com

Email: dentsma@163.com

Contra Angle: Reduction Implant

减速种植弯机

Torque Up To 90Ncm

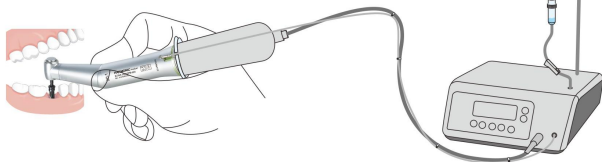


Internal spray system, effectively avoiding defects of blocking sight-line and obstructing operation which resulted by pipe of external spray system when Doctors are making surgery
内水道喷水系统，有效避免了外水道外置管路在医生手术时阻挡视线并妨碍操作的缺陷

Super torque and excellent durability
大扭矩更耐久

STAR H202P-M4, STAR H202P-B

Compatible with all famous companies' implant surgical Engine
E型ISO国际标准接口和所有国际著名品牌种植机马达匹配



Code / 货号: 2CAPB(R20)

20:1 Reduction, Fiber Optic, Internal spray,
Push button chuck, Max Torque: 90Ncm
20 : 1减速弯机, 光纤, 内水道喷水, 按压式,
最大扭矩90Ncm



Code / 货号: 2CAP(R20)

20:1 Reduction, Non fiber optic, Internal spray,
Push button chuck, Max Torque: 90Ncm
20 : 1减速弯机, 内水道喷水, 按压式,
最大扭矩90Ncm



Code / 货号: 1CAP(R20)

20:1 Reduction, Non fiber optic, External spray,
Push button chuck, Max Torque: 90Ncm
20 : 1减速弯机, 外水道喷水, 按压式,
最大扭矩90Ncm

Contra Angles: General Application

通用弯机

Heads For Endodontic Application



Code / 货号: EN

适用机用锉，往复60度转动，按压式

For engine file, 60° Reciprocating Motion, push button

Recommended Max 3000rpm



Code / 货号: UD

适用手动锉，上下运动，按压式

For hand file, Vertical Reciprocating Motion, push button, stroke: 0.4mm

Recommended Max 3000rpm



Heads For Prophy Application



Code / 货号: POL

适用螺纹抛光杯/刷, 360° 旋转

For Screw-in cups & brushes, 360° rotation

Recommended Max 4000rpm



Heads For General Application



Code / 货号: FG

适用1.60mm高速车针, 360° 旋转

For FG burs 1.60mm, Push button, 360° rotation

Recommended Max 27,000rpm



Code / 货号: RA

适用2.35mm低速车针, 360° 旋转

For RA Burs 2.35mm, Push button, 360° rotation

Recommended Max 27,000rpm



KAVO

Compatible with

---VR H202P-M4, STAR H202P-B2

E-Type Internal Water Spray



Code / 货号: 2CAPB(R16)
16:1减速, LED光纤
16:1 Reduction, LED Fiber Optic



Code / 货号: 2CAP(R16)
16:1减速
16:1 Reduction



Code / 货号: 2CAPB(R4)
4:1减速, LED光纤
4:1 Reduction, LED Fiber Optic



Code / 货号: 2CAP(R4)
4:1减速, LED光纤
4:1 Reduction



Code / 货号: 2CAPB
1:1等速, LED光纤
1:1 Direct drive, LED Fiber Optic



Code / 货号: 2CAP
1:1等速
1:1 Direct drive

All heads mate
with all handles

Compatible with

KAVO

Contra Angle: Increasing

高速弯机



1. Remarkably low noise level with virtually no vibration

极佳的静音性能以及可忽略的振动

2. The advanced material combining with smart mechanism design make reliability and durability better even when compared to famous competitor

先进的材料与精巧的设计使得产品可靠性与耐用性超乎想象！

3. The miniaturized, excellent ergonomic design improve access to the molar region and make operation in oral region easier!

完美的人体工程学设计使得口腔手术变的简单！

4. Both LED fiber optic and Three holes spray effectively lights and cools the entire operation field.
LED光纤和三孔喷水

5. HARMONIC unique technology/design makes heat generation very low during operation.

协禾公司独创的技术设计让手机发热变成可忽略！

E-Type, Push Button Internal Water Spray

1:5 Increasing



Spray and LED fiber optic



Code / 货号: 2CAPB(I5)

Increasing 1:5, Fiber Optic, 3 Holes Water Spray,
For FG Burs 1.60mm, Max Speed: 200,000rpm
增速1:5, 光纤, 3孔喷水, 适用直径1.60mm高速车针
最大转速: 200,000rpm



1:5 Increasing



Spray



Code / 货号: 2CAP(I5)

Increasing 1:5, 3 Holes Water Spray, For FG Burs 1.60mm,
Max Speed: 200,000rpm
增速1:5, 3孔喷水, 适用直径1.60mm高速车针
最大转速: 200,000rpm

SET Model No.: STAR H202PB-M4, STAR H202P-M4, STAR H202P-B2

Contra Angle: Increasing 45°

45度角高速弯机



Code / 货号: 2CAPB(I45)

Increasing 1:5, Fiber Optic, 3 Holes Water Spray.
For FG Burs 1.60mm, Max Speed: 200,000rpm
增速1:5, 光纤, 3孔喷水, 适用直径1.60mm高速车针
最大转速: 200,000rpm



Code / 货号: 2CAP(I45)

Increasing 1:5, 3 Holes Water Spray.
For FG Burs 1.60mm, Max Speed: 200,000rpm
增速1:5, 3孔喷水, 适用直径1.60mm高速车针
最大转速: 200,000rpm



Easier and Faster Extracting Wisdom Teeth

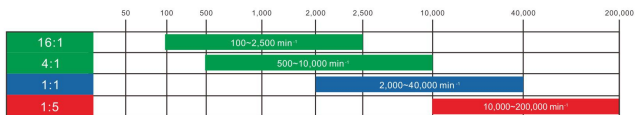
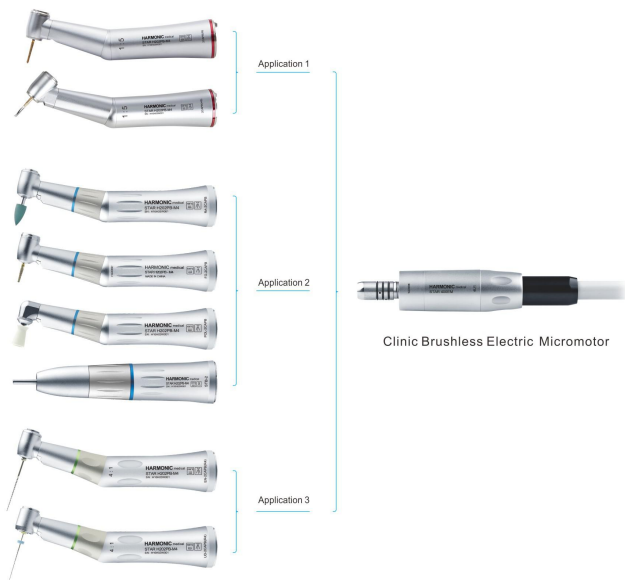
智齿拔出从未如此简单快速!

R H202P-M4, STAR H202P-B2

Perfect Combination

完美结合

Electric micromotor combine with all kinds of contra angles and straights to make wider Clinical Application
电动马达配合各型弯机直机使用，转速覆盖100 ~ 200,000rpm范围，几乎涵盖了所有的临床应用！



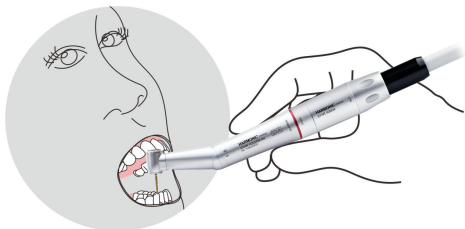
Clinic Application 1:

High-Speed Application

高速应用

Electric Micromotor + 1:5 Increasing Contra Angle, Perfectly Replacing all air turbine High-Speed handpieces to make clinical treatment more efficient and simple, Especially All kinds of TEETH PREPARATIONS!

电动马达 + 1:5增速弯机, 完美取代高速气动涡轮手机的所有缺点与不足, 高效快捷的完成治疗工作; 尤其是各种牙齿预备, 可节省70% 工作时间。推荐马达转速在26000 - 30000rpm, 车针转速: 130000-150000rpm



Code: 2CAPB(I5)



1:5

Code: 2CAP(I5)



Code: 2CAPB(I45)



1:5 / 45°

Code: 2CAP(I45)

STAR H202P-M4, STAR H202P-F

Clinic Application 2:

Low-Speed Application

低速应用

Electric Micromotor + 1:1, 4:1 & 16:1 All kinds of Functional Contra Angle, Perfectly Replacing all air turbine Low-Speed handpieces to make treatments more exact and better effect!

电动马达 + 1:1, 4:1 和 16:1 各种功能弯机。完美取代低速气动涡轮手机，解决气动涡轮手机的所有缺点与不足，拓宽使用范围。转速125 - 40,000rpm可精确调控，能达到更好的使用效果



1:1

Code: RA-2CAPB



1:1

Code: FG-2CAPB



1:1

Code: POL-2CAPB



4:1

Code: RA-2CAPB(R4)



16:1

Code: RA-2CAPB(R16)

* The Functions of Contra Angle refer to Specification of Page 14-15

-----AR H202P-M4, STAR H202P-B2

Clinic Application 3:

Root Canal Treatment

根管治疗应用

Electric Micromotor + 4:1 & 16:1 Functional Contra Angles to make Root Canal Treatment, Simple & More Efficient, Saving Money!

电动马达 + 4:1和16:1减速弯机 进行根管治疗，简单方便快捷，节省成本；推荐马达转速在3000-8000rpm



4:1

Code: UD-2CAPB(R4)



4:1

Code: EN-2CAPB(R4)



16:1

Code: UD-2CAPB(R16)



16:1

Code: EN-2CAPB(R16)

* The Functions of Contra Angle refer to Specification of Page 14-15

H202P-M4, STAR H202P-B2

Angle Head for ENDO Motor

根管马达弯机头

Push Type Ultra Miniature Head

Allows fast and easy exchange of files during procedures. Compact head offers excellent visibility of treatment spots



MINI & COMPACT

These Heads are compatible with almost all brands of **ENDO MOTOR** (Cord & Cordless), such as NSK, Dentsply etc.



Code/货号: 1ENDO(D1)

Ratio: 1:1 direct drive
Mini Head, Push button
1:1 等速, 按压式迷你头



Code/货号: 1ENDO(R16)

Ratio: 16:1 Reduction
Mini Head, Push button
16:1 减速, 按压式迷你头



Code/货号: 1ENDO(R20)

Ratio: 20:1 Reduction
Mini Head, Push button
20:1 减速, 按压式迷你头

BASIC SET: Contra Angle + Straight + Air Motor Internal Water System 内水道



Basic Parameter:

E type air turbine motor, Ratio: 1:1 direct drive, Internal water spray,

Air pressure: 245 ~ 392Kpa(2.5 ~ 4.0 kgf/cm²), Water pressure: 198Kpa (2.0kgs), Noise: ≤70dB

E型气动涡轮马达，传动比：1:1 等速，内水道喷水冷却系统，气压：245 ~ 392Kpa(2.5 ~ 4.0 kgf/cm²)，

水压：198Kpa (2.0kgs)，噪音：≤70dB

SFT Model No. : STAR H202PR-M4 STAR H202P-M4, STAR H202P-B2

External water system

外水道



Latch type
Code: RA-1CA



Push button
Code: RA-1CAP



Push button
Code: FG-1CAP



Code: ST-1



Code: AM-1-M4



Code: AM-1-B2

Basic Parameter:

E type air turbine motor, Ratio: 1:1 direct drive, external water spray.

Air pressure: 245 ~ 392Kpa(2.5 ~ 4.0 kgf/cm²). Water pressure: 198Kpa (2.0kgs), Noise: ≤70dB

E型气动涡轮马达，传动比：1:1 等速，外水道喷水冷却系统，气压：245 ~ 392Kpa(2.5 ~ 4.0 kgf/cm²), 水压：198Kpa (2.0kgs)，噪音：≤70dB

SFT Model No. : STAR H201-M4 STAR H201-B2, STAR H201P-M4, STAR H201P-R2

Air turbine handpiece

气动涡轮高速手机

Compatible with KAVO



RIVER H302PBQ-M4



RIVER H303PBQ-M4



• Quick coupling with **GENERATOR** (4 holes)



Quick coupling with electrode pole (6 holes)

Compatible with KAVO



RIVER H302PQ-M4



RIVER H303PQ-M4



Quick coupling



Quick coupling



Compatible with NSK



RIVER H302PBQN-M4



RIVER H303PBQN-M4



'BQ45



Quick coupling with electrode pole (6 holes)

Air Turbine Handpiece

气动涡轮高速手机

Compatible with KAVO



Model/型号 : RIVER H302PBQ-M4

Push Button, Fiber Optic, 3 Holes Spray, Anti-Retraction

按压式, 光纤, 3孔喷水, 防回吸

Head Size: $\phi 12.5 \times 13.02\text{mm}$, Noise: $\leq 70\text{dB}$

Speed: 320,000 – 380,000rpm



Model/型号 : RIVER H303PBQ-M4

Push Button, Fiber Optic, 3 Holes Spray, Anti-Retraction

按压式, 光纤, 3孔喷水, 防回吸

Head Size: $\phi 10.8 \times 12.1\text{mm}$, Noise: $\leq 70\text{dB}$

Speed: 380,000 – 450,000rpm

Coupling

Compatible with KAVO

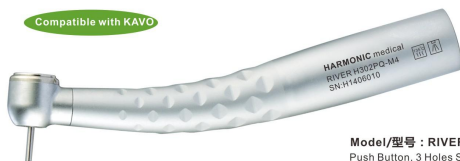


Light By **GENERATOR** in Coupling, Illumination: 25000lx



Light By Electrode Pole, Illumination: 25000lx

Compatible with KAVO



Model/型号 : RIVER H302PQ-M4

Push Button, 3 Holes Spray, Anti-Retraction
按压式, 3孔喷水, 防回吸

Head Size: $\phi 12.5 \times 13.02\text{mm}$, Noise: $\leq 70\text{dB}$

Speed: 320,000 – 380,000rpm



Model/型号 : RIVER H303PQ-M4

Push Button, 3 Holes Spray, Anti-Retraction
按压式, 3孔喷水, 防回吸

Head Size: $\phi 10.8 \times 12.1\text{mm}$, Noise: $\leq 70\text{dB}$

Speed: 320,000 – 380,000rpm

Coupling

Compatible with KAVO



Air Turbine Handpiece

气动涡轮高速手机

Compatible with NSK



Model/型号 : RIVER H302PBQN-M4

Push Button, Fiber Optic, 3 Holes Spray,
Anti-Retraction
按压式, 光纤, 3孔喷水, 防回吸
Head Size: $\phi 12.5 \times 13.02\text{mm}$, Noise: $\leq 70\text{dB}$
Speed: 320,000 – 380,000rpm



Model/型号 : RIVER H303PBQN-M4

Push Button, Fiber Optic, 3 Holes Spray,
Anti-Retraction
按压式, 光纤, 3孔喷水, 防回吸
Head Size: $\phi 10.8 \times 12.1\text{mm}$, Noise: $\leq 70\text{dB}$
Speed: 380,000 – 450,000rpm



Model/型号 : RIVER H401PBQ45

Push Button, Fiber Optic, 3 Holes spray,
Anti-Retraction
按压式, 光纤, 3孔喷水, 防回吸
Head Size: $\phi 10.8 \times 12.55\text{mm}$, Noise: $\leq 70\text{dB}$
Speed: 380,000 – 420,000rpm

Coupling

Compatible with NSK



3 with electrode pole (6 holes)



Model/型号 : RIVER H302P-M4

Push Button, 3 Holes Spray, Anti-Retraction
按压式, 3孔喷水, 防回吸

Head Size: $\phi 12.5 \times 13.02\text{mm}$, Noise: $\leq 70\text{dB}$
Speed: 320,000 – 380,000rpm



Model/型号 : RIVER H401P-M4 (Max 1)

Push Button, Standard Head, Single Hole Spray
按压式, 标准头, 单孔喷水

Head Size: $\phi 10.5 \times 13.8\text{mm}$, Noise: $\leq 70\text{dB}$
Speed: 380,000 – 450,000rpm



Model/型号 : RIVER H401P-M4 (X Series)

Push Button, Standard Head, Single Hole Spray
按压式, 标准头, 单孔喷水

Head Size: $\phi 11.2 \times 14.6\text{mm}$, Noise: $\leq 70\text{dB}$
Speed: 380,000 – 450,000rpm

Air Turbine Handpiece

气动涡轮高速手机



Model/型号: RIVER H401-M4 (PE)

LED lamp with **GENERATOR**, Push Button, Standard Head, 3 Holes Spray

LED 自发光, 按压式, 标准头, 三孔喷水

Head Size: $\phi 11.2 \times 13.18\text{mm}$, noise: $\leq 70\text{dB}$

Speed: 380,000 – 450,000rpm



Model/型号: RIVER H401-M4 (I Series)

Screw Type, Standard Head, Single Hole spray

锁针式, 标准头, 单孔喷水

Head Size: $\phi 11.2 \times 13.18\text{mm}$, noise: $\leq 70\text{dB}$

Speed: 380,000 – 450,000rpm



Model/型号: RIVER H402-M4 (I Series)

Screw Type, Mini Head, Single Hole spray

锁针式, 迷你头, 单孔喷水

Head Size: $\phi 10.2 \times 10.4\text{mm}$, noise: $\leq 70\text{dB}$

Speed: 380,000 – 450,000rpm



Model/型号: RIVER H403-M4 (I Series)

Screw Type, Big Head, Single Hole spray

锁针式, 大头, 单孔喷水

Head Size: $\phi 12.9 \times 12.24\text{mm}$, noise: $\leq 70\text{dB}$

Speed: 380,000 – 450,000rpm

45° High Speed Handpiece

45度角高速手机



Model/型号 : RIVER H401P45-M4

Push Button, Single Hole spray

按压式, 单孔喷水

Head Size: $\phi 10.8 \times 11.5\text{mm}$, noise: $\leq 70\text{dB}$

Speed: 380,000 – 420,000rpm



Model/型号 : RIVER H401S45-M4

Screw Type, Single Hole spray

锁针式, 单孔喷水

Head Size: $\phi 10.8 \times 11.5\text{mm}$, noise: $\leq 70\text{dB}$

Speed: 380,000 – 420,000rpm



Traditional Extracting Wisdom Teeth Instruments

智齿拔出传统专用工具