



# Catalogue

Dental Handpieces

Tealth Foshan Medical Equipment Co., Ltd

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## Low speed dental handpiece series

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## High speed dental handpiece serives

<i>LED light series.....</i>
<i>Triple spray series.....</i>
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## Air motor MIN-01C



Four holes or two holes connector

Isolated internal air/water pipe design make perfect spray in unstable spray pressure

Superior FKM O ring, endured autoclave sterilization.

Stainless steel parts inside, make it durable, exquisite and prevent water-blocking

*Combination of all the features that a low speed air motor has been developing over the past decades—powerful, working silient, long service life and robustness.*

### Parameter

Air pressure: 245~392 KPa

Atomized water pressure: 200 KPa

Water consumption: 50 ML/min

Atomized air pressure: 200 KPa

Air consumption: 1.5 L/min

Rotation speed: 14000~20000 r/min

Noise: ≤70 dB

Sterilization temperature: 135 °

Forward and reverse

*Low speed series*

## ***Straight head SIN-01C/SIN-03C***

*More conveniently,  
directly and efficiently  
to prepare a  
appropriate false tooth  
in prosthodontic.*

*High accurately polish in  
more stable rotation and  
stronger clamp bur.*



### ***Parameter***

*Compatible with E type internal air motor*

*Rotation speed: 14000~20000 r/min*

*Bur applicable:  $\Phi$ 2.350 mm*

*Noise:  $\leq$ 70 dB*

*Sterilization temperature: 135 °*

*Forward and reverse*



*Rotate head needle change type  
make easy used.*

*Isolated internal air/water  
pipe design make perfect  
spray in unstable spray  
pressure*

*Low speed series*

Low speed series

## 1:1 Contra angle CIN-01C



Push button change bur design.

Internal spray with independent water/air channel system.

Rotate contra angle head change structure.

Exquisite electroplate appearance

Can choice 1.6mm bur head or 2.35 head according to the prosthodontics



Cartridge



rotation axis



Dentists prefer a contra angle with good feeling. A multi-functional one make the cure process fill with art.

### Parameter

Match up with internal air motor

Rotation speed: 14000~20000 r/min

Noise:  $\leq 70$ dB

Ratio: 1:1

Bur applicable:  $\Phi 2.35$ mm or  $\Phi 1.60$ mm

Sterilization temperature: 135 °



# 1:1 Led Contra angle CIL-01C/CIL-02C

With powerful light, every operation in oral cavity would be more clearly and accurate in precision work.

## Parameter

Match up with internal air motor  
Rotation speed: 14000~20000 r/min  
Noise: ≤70dB  
Ratio: 1:1  
Generator inside  
Bur applicable: Φ2.35mm or Φ1.60mm  
Sterilization temperature: 135 °



Led light can easy change after broken

Rotate contra angle head change structure.



Cartridge



rotation axis



Push button change bur design.

Generator inside.

LED

Can choice 1.6mm bur head or 2.35 head.



Low speed series

**4:1/6:1/10:1/16:1/  
Reducing Contra angle  
R04N-01C/R06N-01C/R10N-01C/R16N-01C**



Push button change bur design.

Internal spray with independent water/air channel system.

Rotate contra angle head change structure.

4:1 reducing mechanical structure inside to more power output.

Lower rotation speed but bigger torque, 4:1 reducing contra angle make the polish in oral cavity more efficient.



Cartridge

**Parameter**

- Match up with internal air motor
- Rotation speed: 14000~20000 r/min
- Noise: ≤70dB
- Ratio: 4:1
- Bur applicable: Φ2.35mm or Φ1.60mm
- Sterilization temperature: 135 °



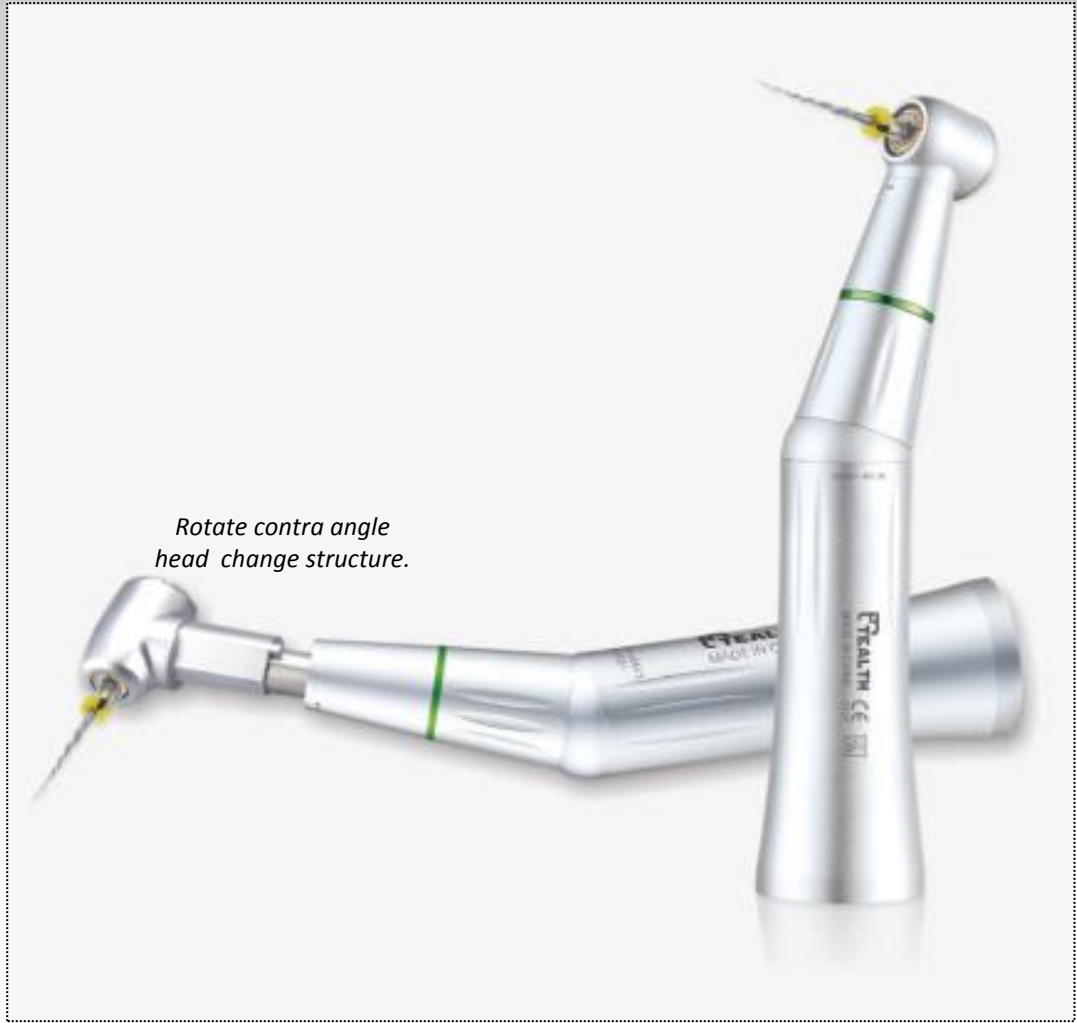
rotation axis

Can choice 1.6mm bur head or 2.35 head .



*Low speed series*

**4:1/6:1/10:1/16:1**  
**Reducing Endo Contra angle**



Rotate contra angle  
head change structure.

**R04N-51C/R06N-51C/R10N-51C/R16N-51C**

Low speed series



Reciprocating rotating



1.4mm up&down  
movement



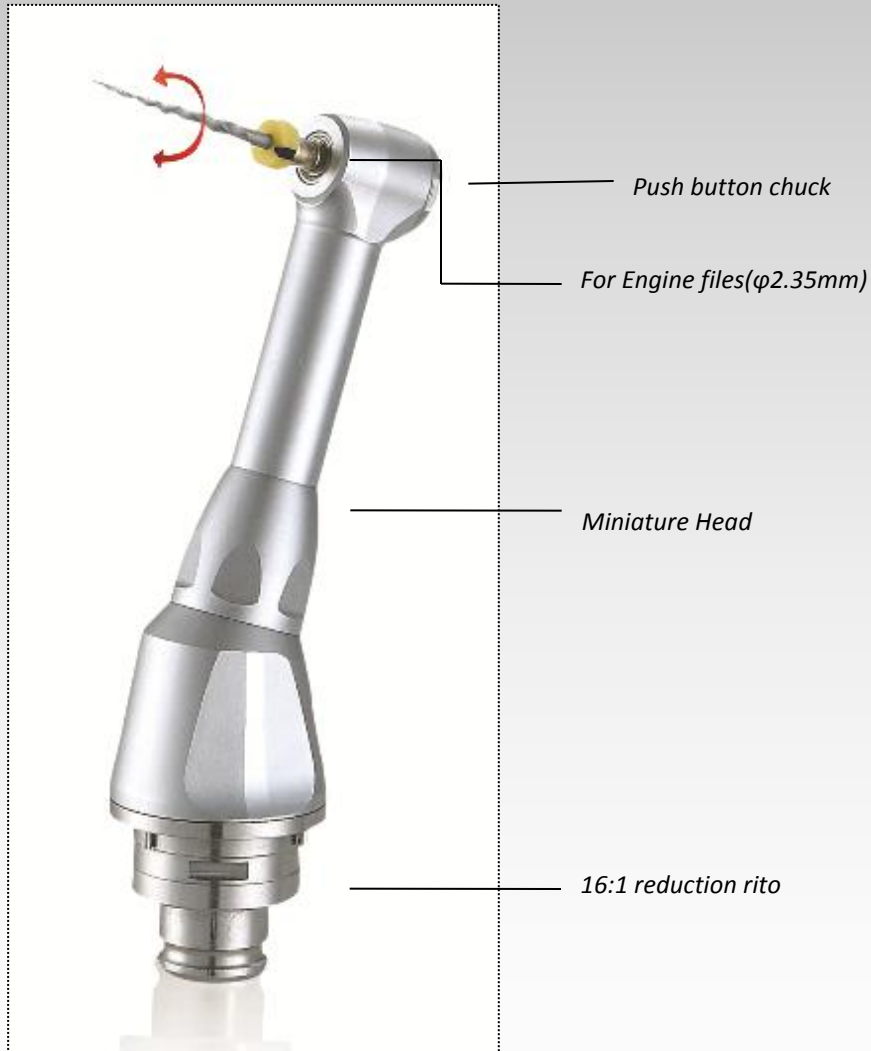
0.4mm up&down  
movement

**Parameter**

- Use for *hand file*
- Match up with internal air motor
- Rotation speed: 14000~20000 r/min
- Noise: ≤70dB
- Ratio: 4:1/10:1/16:1
- Bur applicable: Φ2.35mm or Φ1.60mm
- Sterilization temperature: 135 °
- Three kinds of different heads for individual choice



## **16:1/1:1 Endontics reduction contra-angle head**



*\*Endo handpiece with top of the line bearing provides longevity.*

*\*Be applicable to standard connector*



**E01N-01C/E16N-01C**

*Low speed series*

## Increasing speed handpiece

105L-01C/105L-02C (with LED light)

105N-01C (without LED light)



head



rotation axis



cartridge



under body



Easy removal and assembly



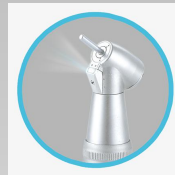
1. Slitting of cap-crown
2. Cavities and crown preparations
3. Removal of carious material
4. Processing of tooth
5. Restoration surface and removal of fillings

### Parameter

Match up with E type motor  
Rotation speed: 200,000r/min  
Generator inside  
Sterilization temperature: 135 °

*Low speed series*

## *Increasing speed handpiece 103L-01C*



1. *Slitting of cap-crown*
2. *Cavities and crown preparations*
3. *Removal of carious material*
4. *Processing of tooth*
5. *Restoration surface and removal of fillings*

### *Parameter*

*45° head  
Push button  
LED E-generator, self-illuminated  
Max speed: 120.000RPM  
Internal triple water jet cooling  
FG bur applicable  
Anti-heat system*

*Low speed series*

**1:3 Increasing straight handpiece  
SEN-09C**



**Extra water tube**

**More faster, More stronger**

**Parameter**

*Gear ratio 1:3*

*Bur applicable  $\Phi 2.35\text{mm}$*

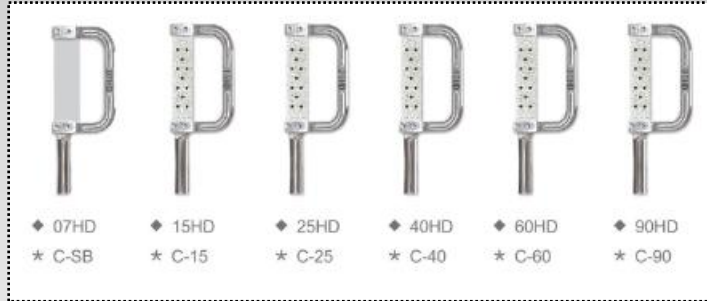
*Max rotation speed 120,000r/min*

# 1:1/4:1 IPR Contra Angle IPR-02C/IPR-01C



**1:1/4:1**

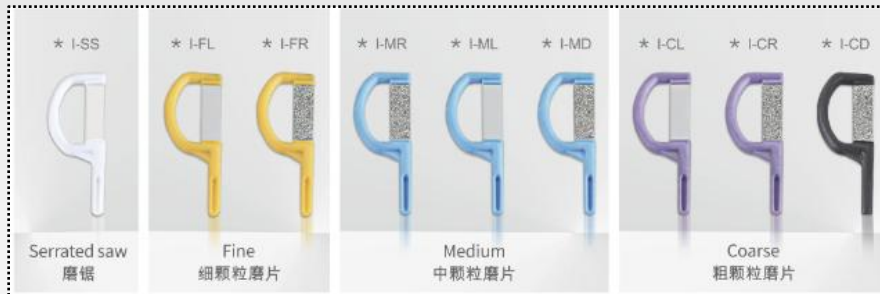
## Metal strip



### Double Sided:

- 90 micron - for use as a saw for opening contacts
- 60 micron - for reduction
- 40 micron - for contouring
- 25 micron - for finishing
- 15 micron - for prepolishing
- 07 micron - serrated saw

## Plastic strip



## Kit



### IPR Set:

- IPR Contra Angle: 1 pcs (1:1 or 4:1)
- Strip: 10pcs (Each type 2 pcs)
- Gauge: 1 pcs
- Push Tool: 1 pcs

## Handle pushrod



*Low speed series*

## Normal whole set S-10



1020AM-M4(B2)



1020SH



1020CH

*Including air motor, straight head and contra angle. The whole low speed dental handpiece is a good assistant for dentists.*

### *Parameter*

*Air pressure: 245~392 KPa*

*Atomized water pressure: 200 KPa*

*Water consumption: 50 ML/min*

*Atomized air pressure: 200 KPa*

*Air consumption: 1.5 L/min*

*Rotation speed: 14000~20000 r/min*

*Noise: ≤70 dB*

*Sterilization temperature: 135 °*

*Forward and reverse*

*Low speed series*

## LED whole set S-01



1020AM-M4(B2)



1020SH



1020CHL

*Including air motor, straight head and LED contra angle. The whole low speed dental handpiece is a good assistant for dentists. Of course, the LED with generator would offer more suitable in precise working.*

### Parameter

*Air pressure: 245~392 KPa*

*Atomized water pressure: 200 KPa*

*Water consumption: 50 ML/min*

*Atomized air pressure: 200 KPa*

*Air consumption: 1.5 L/min*

*Rotation speed: 14000~20000 r/min*

*Noise: ≤70 dB*

*Sterilization temperature: 135 °*

*Forward and reverse*

*Low speed series*



## External irrigation whole set S-03



Including external irrigation air motor, straight head and **contra angle with latch type**. The whole low speed dental handpiece is a good assistant for dentists.

### Parameter

Air pressure: 245~392 KPa

Latch type or push button for choice

Rotation speed: 14000~20000 r/min

Noise:  $\leq 70$  dB

Sterilization temperature: 135 °

Forward and reverse

*Low speed series*



## **External irrigation whole set S-04**



*Including external irrigation air motor, straight head and **contra angle with push bottom.***

*The whole low speed dental handpiece is a good assistant for dentists.*

### **Parameter**

*Air pressure: 245~392 KPa*

*Latch type or push button for choice*

*Rotation speed: 14000~20000 r/min*

*Noise: ≤70 dB*

*Sterilization temperature: 135 °*

*Forward and reverse*

*Low speed series*

## External irrigation whole set S-09



Including external irrigation *mini air motor*, straight head and contra angle with push bottom. The whole low speed dental handpiece is a good assistant for dentists.

### Parameter

Air pressure: 245~392 KPa

Latch type or push button for choice

Rotation speed: 14000~20000 r/min

Noise: ≤70 dB

Sterilization temperature: 135 °

Forward and reverse

*Low speed series*

*implant dental handpiece*  
*R20N-01C*



*cartridge*



*rotation axis*



*front body*



*under body*

*Provide sufficient torque, meet the requirements of torque output at the dental implant system condition of 55N·cm.*

*Parameter*

*Match up with dental implant system  
Rotation speed: 5~2000r/min  
Torsion force:  $\geq 55\text{N}\cdot\text{cm}$   
Sterilization temperature: 135 °*

*Low speed series*

# implant dental handpiece R20N-02C



head



rotation axis



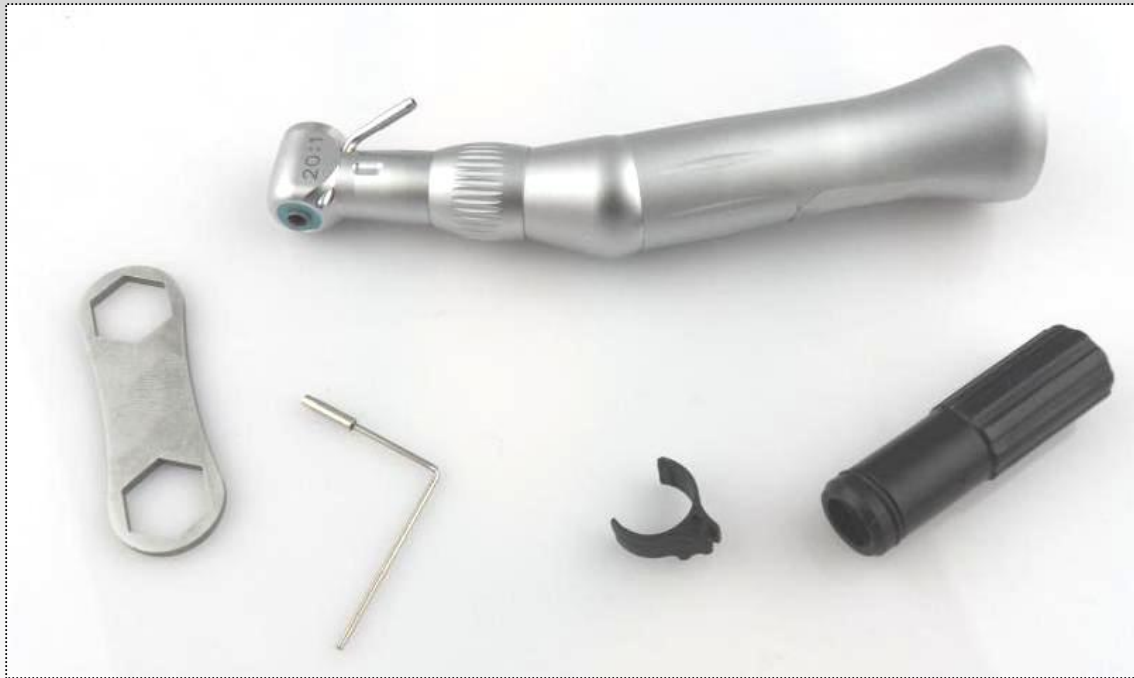
cartridge



under body



front body



1. Provide sufficient torque, meet the requirements of torque output at the dental implant system condition of 55N·cm

2. Unfading and Non-slipping. It can be keep enough torque after many times used

3. Easy to assemble and split, disinfect and sterilization completely with a long span, avoiding cross infection and cartridge corrosion.

## Parameter

Match up with dental implant system

Rotation speed: 5~2000r/min

Torsion force:  $\geq 55\text{N}\cdot\text{cm}$

Sterilization temperature:  $135^\circ$

Easy removal and  
assembly



Low speed series

# Deattachable implant dental handpiece R20N-04C



rotation axis



cartridge



under body



Easy removal and assembly



1. Provide sufficient torque, meet the requirements of torque output at the dental implant system condition of 70N·cm

2. Unfading and Non-slipping. It can be keep enough torque after many times used

3. Easy to assemble and split, disinfect and sterilization completely with a long span, avoiding cross infection and cartridge corrosion.

## Parameter

Match up with dental implant system  
Rotation speed: 5~2000r/min  
Torsion force:  $\geq 70\text{N}\cdot\text{cm}$   
Sterilization temperature:  $135^\circ$

Low speed series

# implant handpiece with LED light R20L-01C



rotation axis



cartridge

Generator inside, self-illuminated



1. 20:1 Implant contra-angle with LED light, generator inside, self-illuminated, good helper for dentists.

2. Unfading and Non-slipping. It can be keep enough torque after many times used

3. Provide sufficient torque, meet the requirements of torque output at the dental implant system condition of 70N·cm

## Parameter

Generator inside, self-illuminated.  
Match up with dental implant system  
Rotation speed: 5~2000r/min  
Torsion force:  $\geq 70\text{N}\cdot\text{cm}$   
Sterilization temperature: 135 °

Low speed series

# Fiber optic implant contra angle R20F-01C



1. 20:1 Implant contra-angle with fiber optic, stable light source, good helper for dentists.

2. Unfading and Non-slipping. It can be keep enough torque after many times used

3. Provide sufficient torque, meet the requirements of torque output at the dental implant system condition of 70N·cm

## Parameter

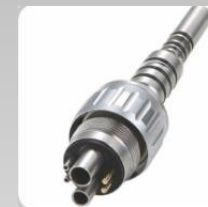
Fiber optic  
20:1 ratio  
Match up with dental implant system  
Rotation speed: 5~2000r/min  
Torsion force:  $\geq 70\text{N}\cdot\text{cm}$   
Sterilization temperature: 135 °

Low speed series

# Fiber optic high speed dental handpiece TPF3-D-K6



Non-slip



Kavo type  
Quick coupling



Push button

Triple water spray perfect  
cooling

Fiber optic

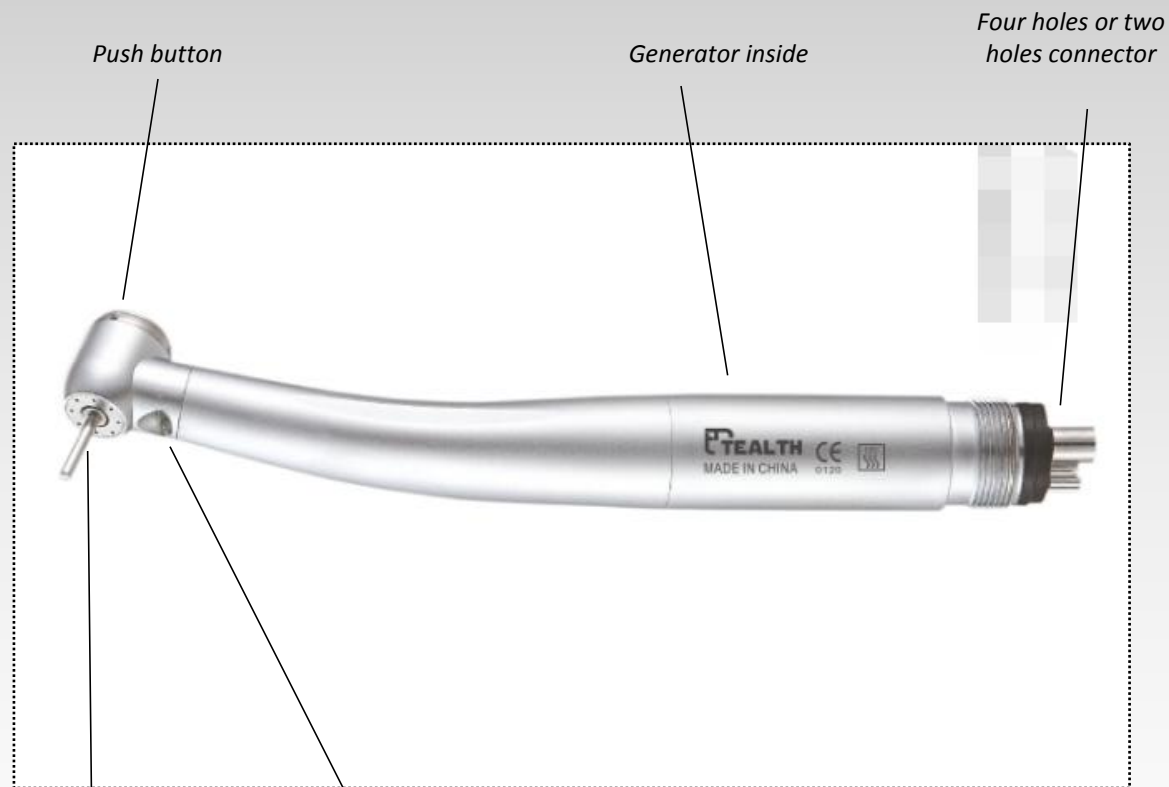
Six holes or four holes connector

## Parameter

- Air pressure: 245~280kPa
- Atomized water pressure: 200KPa
- Atomized air pressure: 200KPa
- Rotation speed: 32,000~40,000r/min
- Noise:  $\leq 70$ dB
- Bur applicable:  $\Phi 1.60$ mm
- Sterilization temperature: 135 °



# LED high speed dental handpiece SPL4-C-M4



*Working silent, stable rotation, long service life and powerful light provide dentist a outstanding using experiment.*

*Separated air tube & water pipe  
4 water holes, 4 air holes,  
not easy to plug*

*LED bulb offer sufficient light*

## Parameter

*Air pressure: 245~280kPa  
Atomized water pressure: 200KPa  
Atomized air pressure: 200KPa  
Rotation speed: 32,000~40,000r/min  
Noise: ≤70dB  
Bur applicable: Φ1.60mm  
Sterilization temperature: 135 °*

# LED high speed dental handpiece SPL3-A-M4



Four holes or two holes connector

Stander head

Torque head

Push button

Generator inside



**LED**

*Working silent, stable rotation, long service life and powerful light provide dentist a outstanding using experience.*

*The three port spray emits a fine mist of spray, ensuring that the instrument is always optimally cooled – right up to the bur tip.*

*LED bulb offer sufficient light*

## Parameter

- Air pressure: 245~280kPa
- Atomized water pressure: 200KPa
- Atomized air pressure: 200KPa
- Rotation speed: 32,000~40,000r/min
- Noise: ≤70dB
- Bur applicable: Φ1.60mm
- Sterilization temperature: 135 °

**High speed series**

# High speed dental handpiece SPL1-A-M4



Stander head



Torque head

Four holes or two  
holes connector

*The single-nozzle fan spray  
always ensures optimal  
cooling of the bur and of  
the entire preparation area.*

*Silent, powerful,  
stable and high cost  
performance.*



## Parameter

Air pressure: 245~280kPa  
Atomized water pressure: 200KPa  
Atomized air pressure: 200KPa  
Rotation speed: 32,000~40,000r/min  
Noise: ≤70dB  
Bur applicable: Φ1.60mm  
Sterilization temperature: 135 °

*High speed series*

# High speed dental handpiece SPN1-B-M4



Higeian head, avoid the entry  
of oral fluids

Push button

Four holes or two  
holes connector



Cartridge

**Big torque, durable bearing, long service life**

## Parameter

Air pressure: 245~280kPa

Atomized water pressure: 200KPa

Atomized air pressure: 200KPa

Rotation speed: 32,000~40,000r/min

Noise: ≤70dB

Bur applicable: Φ1.60mm

Sterilization temperature: 135 °

**High speed series**



Manufacturing machine



Warehouse



Product inspection



Goods packing

## Factory

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## Tealth Team