



# INSTRUCTION MANUAL

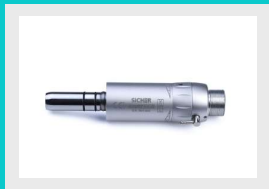


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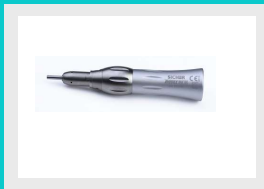
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# Introduction

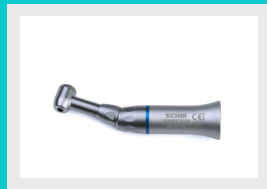
Sicher is committed to serving the needs of our patrons in the field of dentistry – technicians, practitioners and hygienists. Innovation, design-built and unparalleled value for money in product quality; supported by our customer centric service advisors for an outstanding after sales service. Thank you for choosing Sicher Mayox Air Motor, Straight and Contra Angle Handpieces. Please read the manual carefully before use. We hope that Mayox Air Motor, Straight and Contra Angle Handpieces with proper use meets your full satisfaction.



**ANX 100 Air Motor**



**SNX 100 Straight  
Handpiece**



**CNX 100 Contra  
Angle Handpiece**



***mayox***  
**ANX 100 Air Motor**

# Product Description

## MAYOX AIR MOTOR

Convenient, Economical and High Performance. Low Speed Handpieces. External water Spray low-speed handpiece Advantages:

1. More convenient operation, more elegant appearance, External water spray
2. Water and air separated, good atomization
3. With dust-proof cover on the head of straight handpiece
4. Patent technology: self-lubricating of air motor
5. Myonic ball bearing, more long life span
6. Distinctive and unique design of the appearance

## Safety Notes

The Operation of the Mayox Airmotor with light is permitted only on dental units which corresponds to the international standards.

The Power supply unit for the dental unit must satisfy the following requirements.

Ensure the correct operating conditions and cooling function always. Use only filtered, oil free, dry, non-contaminated air to operate. Do not look directly into the LED.

Check the Working condition of the Air Motor before using. If Mayox Airmotor and handpiece start to make unusual noise or vibration stop using it immediately.

Dropping the device or excessive force on the bur connected with handpiece, could cause damage on internal structure or ball bearing, which will lead to performance failure of the product.

**Always follow the instructions given by the manufacturer.**

## Connection with Hose

Check if the connection type of Airmotor matches that of hose. Screw tight a hose coupler at the back end of the air motor. Make sure that there is neither Air nor Water leak.

## Coupling with Handpiece

Push the nose of airmotor into the handpiece to be coupled, all the way until it stops. Verify proper coupling by pulling the airmotor and the handpiece. Make trial run at low speed after connection.

## Un Coupling of Handpiece

Pull out handpiece with the release button on the Airmotor pushed down

### Forward / Reverse Rotation

Forward or Reverse rotation is selected by adjusting the screw head on rotation

\*Power and speed are dependent on the quality of the supply hoses used and may differ from the specified value.

## **Cleaning and maintenance prior to initial use**

The Mayox Air Motor, Straight / Contra Angle handpiece is in clean condition when delivered. Lubricate prior to initial use. Sterilize the Airmotor, straight / contra angle handpiece.

### **Essential after every internal cleaning**

Before each sterilization or after half an hour of use or thrice a day.

Note the instructions of the unit manufacturer. Clean, disinfect and lubricate prior to sterilization. Wrap the airmotor and the accessories in sterile good packing.



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**SNX 100 Straight  
Handpiece**

# TECHNICAL SPECIFICATIONS

- Transmission - 1:1
- Maximum Speed - 40,000 rpm
- Use with HP burs (2.35mm)
- Durable hygienic coating
- Connection to all standard E-Fitting air motors
- Autoclavable to 134°C

|                     |                |
|---------------------|----------------|
| SPEED               | 40000 rpm      |
| HEAD DIAMETER       | 0.91cm         |
| PRESSURE            | 0.3 Mpa        |
| WEIGHT              | 58.5g          |
| NOISE               | <60dB          |
| EXTERNAL APPEARANCE | Chrome Plated  |
| Length              | 8.52cm         |
| SPRAYING PORT       | External Water |

# TECHNICAL SPECIFICATIONS

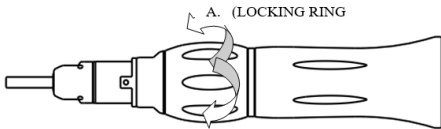
## 1. Assembling and disassembling

- Connect air motor/micro motor and Mayox Straight Handpiece by firmly pushing Mayox Straight Handpiece onto air motor.
- Disconnect by holding air motor and firmly pulling Mayox Straight Handpiece forward.
- Carefully pull on the Mayox Straight Handpiece each time before use, check that it is securely locked onto the Airmotor



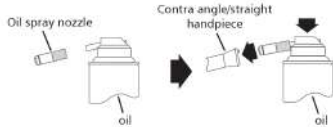
## 2. Insertion and removal of bur

- Removal of bur – Rotate locking ring to the right until audible “click” is heard – remove bur.
- Installation of bur – Place bur into chuck – rotate locking ring to the left until audible “click” is heard.



### 3. Lubrication and cleaning

- Handpiece should be lightly scrubbed with a toothbrush and wiped clean with gauze after each use.
- Place appropriate oil spray nozzle onto dental lubricant oil spray.
- Remove bur from handpiece.
- Insert nozzle into handpiece and spray for at least 2 seconds.
  - \* Hold handpiece firmly when oiling to prevent handpiece being ejected off can, due to oil pressure.
  - \* Lubricate handpiece before each sterilization cycle.



## 4. Autoclaving

Handpiece should be autoclaved after each use.

- Remove bur and lubricate as per instructions.
- Place handpiece into an appropriately fitting sterilization pouch and place into correct position in autoclave.
- Use standard autoclave cycle of 20 minutes at 121°C or 15 minutes at 134°C.
- Sterilized products should be stored in processing pouch in a dry, dark, cool room, free from dust.

## CAUTION

- Do not use damaged or non-standard burs. These may bend and break during rotation causing injury.
- Keep handpiece clean and lubricated correctly to avoid damage to handpiece.
- Do not start motor if bur is not “locked” in, or there is no bur in the chuck.
- Always have a bur/blank mounted in the handpiece even whilst not in use.

## CAUTION

- Lubricate handpiece before each sterilization process.
- Always use quality lubricants in order to prolong handpiece life cycle.
- Test bur is always seated correctly and firmly by pulling on bur when locked into chuck in order to prevent injury.
- Before use, carefully pull on handpiece to check it is correctly seated onto the air motor.
- Do not touch rotating bur.



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**CNX 100 Contra Angle  
Handpiece**

# TECHNICAL SPECIFICATION

- Transmission -1:1
- Maximum Speed - 25,000 rpm
- Use with RA/ CA burs (2.35mm)
- Durable hygienic coating
- Connection to all standard E-Fitting air motors
- Autoclavable to 134°C

|                     |               |
|---------------------|---------------|
| SPEED               | 25000RPM      |
| HEAD DIAMETER       | 9.5 * 14      |
| PRESSURE            | 0.3 MPA       |
| WEIGHT              | 44.4G         |
| NOISE               | <60DB         |
| EXTERNAL APPEARANCE | CHROME PLATED |
| LENGTH              | 83            |

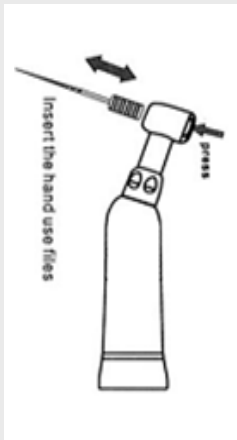
# 1. Assembling and disassembling



- Connect air motor and Mayox Contrangle Handpiece by firmly pushing Mayox Contra Angle Handpiece onto air motor.
- Disconnect by holding air motor and firmly pulling Mayox Contrangle Handpiece forward.
- Carefully pull on the Mayox Contra Angle Handpiece each time before use to test that it is securely locked onto the air motor.

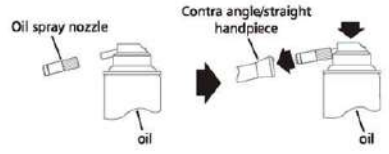
## 2. Insertion and removal of bur

- Removal – Press head cap and remove bur.
  - Installation – Press head cap, insert bur and push bur .
- Always check that bur is locked into position before use.



### 3.Lubrication and Cleaning

- Handpiece should be lightly scrubbed with a toothbrush and wiped clean with gauze after each use.
  - Place appropriate oil spray nozzle onto dental lubricant oil spray.
  - Remove bur from handpiece.
  - Insert nozzle into handpiece and spray for at least 2 seconds.
- \* Hold handpiece firmly when oiling to prevent handpiece being ejected off can, due to oil pressure.
- \* Lubricate handpiece before each sterilization cycle.



## 4. Autoclaving

Handpiece should be autoclaved after each use.

- a) Remove bur and lubricate as per instructions.
- b) Place handpiece into an appropriately fitting sterilization pouch and place into correct position in autoclave.
- c) Use standard autoclave cycle of 20 minutes at 121°C or 15 minutes at 134°C.
- d) Sterilized products should be stored in processing pouch in a dry, dark, cool room, free from dust.

## CAUTION

- Do not use damaged or non-standard burs. These may bend and break during rotation causing injury.
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- Test bur is always seated correctly and firmly by pulling on bur when locked into chuck in order to prevent injury.
- Before use, carefully pull on handpiece to check it is correctly seated onto the air motor.
- Do not touch rotating bur.



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