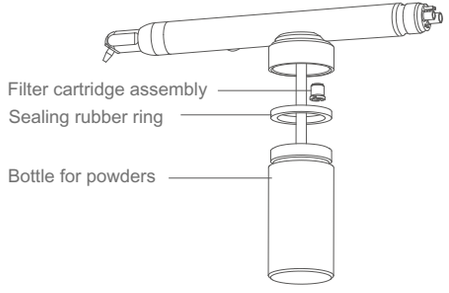
5) Disinfection method: Wipe the instrument with new wet wipe soaked in alcohol, especially the connector and chink, and finally use a new cloth to dry the instrument.
If necessary, high temperature sterilization can be used for disinfection.
Sterilization method: first remove the bottle, sealing rubber ring and filter cartridge assembly (because they cannot be sterilized), and disassemble as shown in below; then carry out high temperature sterilization on the main part.



12. Troubleshooting

Problem	Solution
Spray head is blocked	Unscrew spray nozzle and flush it with water
The hole of main rod is blocked	First unscrew the spray head, use a tip to loosen the blockage, and then press down the foot pedal and press and hold start/stop button to discharge blockage.
Air or water leaks	Unscrew the spray head to check sealing condition of the connection. If O-ring is damaged, please replace it in time.
The hole of spray head is blocked	Use a tip to dredge the blockage

13. Operating environment ,Storage and Transportation conditions

Operating environment

Operating temperature	5 ~ 40℃
Operating humidity	20% ~ 80%
Atmospheric pressure	86 ~ 106kPa

Storage and Transportation conditions

Storage temperature	-10 ~ 55℃
Storage humidity	≤93%
Atmospheric pressure	50 ~ 106kPa

14. Symbol

Consult instruction for use

SN Serial number

Warning/ Caution

This way up

Keep dry

Fragile, handle with care

Manufacturer

Foshan COXO Medical Instrument Co., Ltd
BLDG 4, District A Guangdong New Light Source Industrial Base, South Of Luocun Avenue Nanhai District Foshan 528226 Guangdong China

Version:1.0 Revision date:20210323

www.dentalzone.nl

Dentalzone

USER MANUAL

Air Abrasion System with spray

CA-1

COXO®

Dentalzone

1. Introduction

Air Abrasion System with spray is a safe and reliable instrument.

Its functional characteristics are as follows:

Provide a very small abrasive flow

Use water mist to restrain sand powder from scattering.

Using the power of compressed air to spray fine abrasive particles at high speed,

Quickly remove stubborn adhesions

2. Safety

1) Consult instructions for use;

2) This instrument cannot be used in human oral cavity;

3) Nothing can be mixed in the abrasive. Otherwise it is easy to cause blockage;

4) Any disassembly or modification is prohibited;

5) Contact professionals for repair;

6) Stop using the instrument immediately if there is obvious aging or abnormal abnormal phenomenon;

7) Check and maintain regularly, otherwise do not use it ;;

8) Only use original connector, otherwise it will cause damage.

3. Intended use

1) This product can only be used by qualified dentists during dental treatment;

2) Porcelain tooth bonding and comprehensive restoration, porcelain veneer bonding preparation;

3) Maryland fixed bridge bonding preparation;

4) Bonding preparation of brackets;

5) Resin bonding preparation;

6) Repair and replacement of porcelain teeth.

4. Contraindications

This instrument cannot be used in human oral cavity;

5. Choice of powder

The powder should be dry, loose. The wet powder can be baked at 120℃ for half an hour.

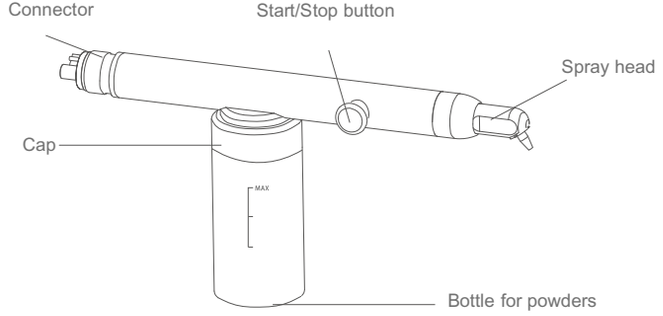
- Used to quickly remove stubborn adherents on the treated surface: white alumina particles with a particle size of 90 microns;
- Used for bonding preparation on metal or non-metal surface: white alumina particles with a particle size of 50 microns,
- For surface polishing: white alumina particles with a size of 27 microns.

6. Product list

O-ring (ϕ9×ϕ7×ϕ1) x 1 Bottle for powdersx1 Tipx1

O-ring (ϕ8.7×ϕ7 × ϕ 0.85) x 2 Filter cartridge x 2

7. Device Overview

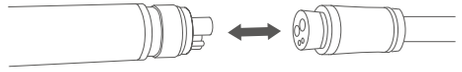


8. Technical Specifications

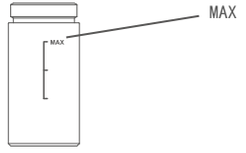
Recommend working pressure	0.4MPa	Sprayozzlen diameter	1.0mm
Input water pressure	0.2MPa	Powder spray	≤9g/min
Working pressure	0.3~0.6MPa	Water spray	> 20ml/min
Effective distance for spray	2mm~10mm		

9. Instruction and Operation

1) Connect the connector to the pipe of dental chair;



2) The powder cannot exceed the "MAX",one mark is equal to about 6ml powder;



3) Adjust the air and water pressure to the required range, press down Foot pedal and press and hold start/stop button to start working;
4) Release foot pedal and start/stop button to stop working ;
5) Turn off water when not in use.

10. Maintenance

1) After connecting the air source, run the instrument several times to remove residual powder to avoid blocking; Make sure the bottle is empty.
2) Disconnect the connector form the pipe of dental chair, Use three ways syringe to blow air at the pipe of the connector to drain remaining water.
3) When not in use, put the instrument and powder in a dry place.

11. Cleaning, Disinfection and Sterilization

1) Unscrew bottle, use three ways syringe to empty the remaining powder and water in the instrument;
2) Wipe the surface with a damp cloth ;
3) Remove spray head and clean it with water, then use three ways syringe to clean up the remaining powder, and then blow the head dry;
4) Use three ways syringe to clean up the remaining powder at the cap and connector;