User Manual

AIR-N-GO® easy

EQUIPMENT ACTEON

This is a translation of the original document, which is written in French.
Reference J10120 version V3 and plan number ND27FR050C

Contents

Foreword

The SATELEC® medical device that you are about to install and use in your practice is a medical device designed for professional use. It comprises the chosen tool with which you will provide treatment within the context of your work.

To ensure optimum safety for yourself and your patients, comfort in your daily practice and to benefit fully from the technology of your medical device, please read the documentation provided carefully.

Please refer to the instructions relating to the comprehensive range of SATELEC® air polishers for the following information:

- documentation format;
- the documentation archiving period;
- warnings concerning user and patient populations;
- the treatment area;
- preparation of parts for sterilization;
- detailed manual and automatic protocols;
- information concerning conditioning for sterilization;
- the medical device usage interactions, contraindications and prohibitions;
- disposal and recycling of the medical device;
- manufacturer responsibility.

Please refer to each medical device's user manual, Quick Start guide, and Quick Clean guide for information about the following:

- unpacking and installing the medical device;
- using the medical device;
- monitoring and maintaining the medical device;
- technical specifications of the medical device.

1 Documentation

This document contains the following information:

- relating to patient, practitioner and environmental safety;
- required to install your medical device in optimum conditions
- required to contact the manufacturer or representatives if necessary
- indications for use;
- medical device description
- installation of the medical device
- medical device use
- preparation prior to cleaning and disinfecting the medical device
- sterilization of the medical device
- monitoring and general maintenance of the medical device
- maintenance to be performed by the user.

1.1 Associated documentation

This document must be used in association with the following documents:

Document title	References
AIR-N-GO® easy Quick Start	J10100
AIR-N-GO® easy Quick Clean	J10101
Maintaining the AIR-N-GO® easy O-rings	J10104
AIR-N-GO® easy user manual	J10129
Consulting electronic user instructions	J00000

> The Quick Start and Quick Clean documents are summaries created for your convenience. The only true instructions are the user manuals and regulatory documentation associated with the medical device.

1.2 Electronic documentation

The user instructions for your device are available electronically at the URL provided. The instructions are not automatically provided in paper format. If the website is not available, please try again later. You have an option to receive the documentation in paper format within seven days, free of charge, by submitting a request through our website, by phone, or by email.

The electronic user instructions are available in PDF format (Portable Document Format). You will need to have a PDF file read software installed to read the electronic version of the user instructions It is important for you to have read and understood the content of the user instructions relating to the use of your device and its accessories.

The device user instructions can be consulted at the following address:`www.satelec.com/documents`

Once you receive it on your device, we ask that you print and/or download all documents or sections of documents that you may need to consult in the event of an emergency, if you are unable to connect to the Internet, or if your electronic display tool is not working (computer, tablet, etc.). We recommend that you visit the website regularly to consult and/or to download the latest version of your device's user instructions.

> Do not use your device without first reading the user instructions.

2 Required information

2.1 Indication for use

This medical device is designed for prophylactic treatments targeting the supra- and sub-gingival portion of dental and prosthetic surfaces. It is used in conjunction with dental polishing powder SATELEC®.

This medical device is intended for pre-implantitis treatment with the Perio option.

2.2 Operating principle

In polishing mode, air and water are supplied to the medical device. The air penetrating into the closed reservoir creates a cloud of powder, which is projected onto the clinical area via a nozzle. The water, air, and powder are mixed together when exiting the medical device.

2.3 Date of inclusion of CE marking

2011

2.4 Latest document update

03/2015

2.5 Repairing or modifying the medical device

Contact the supplier of your device. Using the services of an unapproved repairer could render your device dangerous for you and your patients.

Do not repair or modify the device without seeking the prior permission of SATELEC®.

If the device is modified or repaired, specific checks and tests must be carried out to ensure that the medical device is still safe to use.

In the event of doubt, contact an approved dealer or the SATELEC®customer service team:

www.acteongroup.com

satelec@acteongroup.com

> SATELEC® at the request of technical personnel working for the network of dealers approved by SATELEC®, provides all information required to repair the faulty parts on which they may perform repairs.

2.6 Warranty

No part of the medical device other than those which are clearly indicated as such may be unscrewed by the user, as doing so will void the warranty. Likewise, the jar and the adapter cannot and must not, under any circumstances, be detached from the body of the medical device.

2.7 Accessory usage conditions

AIR-N-GO® easy plastic bodies and nozzles must be cleaned, disinfected, and sterilized prior to use. The AIR-N-GO® easy body must be cleaned and disinfected prior to each use. Please refer to the detailed instructions in the chapter *Cleaning, disinfecting and sterilizing page 15*

3 Warnings

3.1 Federal Law

> The indication below applies to the United States of America only.

The United States Federal Law restricts the use of this medical device in its territory to qualified dental health professionals, fit and certified to perform and manage their professional duties.

3.2 Warning applicable to all countries in which the device is sold

> The information below is based on the requirements of standards to which the manufacturers of medical devices must adhere (as stated in standard IEC62366).

3.3 User population

This medical device must only be used by qualified dental health practitioners, fit and certified to perform their professional duties.

Users must know and comply with the rules of dental practice in compliance with knowledge acquired in the field and the key medical hygiene principles including cleaning, disinfection and sterilization of medical devices.

The medical device can be used by any adult dental practitioner of any weight, age, height, gender and nationality.

The user must wear gloves.

The user is not the patient.

The user must not be prone to any of the following:

- visual impairments: any vision problems must be corrected by glasses or lenses
- disability of the arms that may prevent correct grip of a handpiece
- disability of the legs that may prevent the use of a control pedal
- hearing difficulties that could prevent the user hearing audible alarms depending on medical devices;
- difficulty memorizing or concentrating that could affect the setting of sequences or the performance of treatment protocols.

3.4 Specific user training

No specific training other than initial professional training is required to use this medical device.

The practitioner is responsible for performing clinical treatments and for dangers that may arise due to a lack of skill and/or training.

3.5 Patient population

This medical device is designed to be used with the following patient population:

- Children,
- Teenagers,
- Adults,
- Seniors.

This medical device can be used on any patient of any weight (except children), age, height, gender and nationality.

Patients wearing corrective eyeglasses or lenses should remove them before the treatment and wear protective eyewear during the treatment.

3.6 Patient population restriction

This medical device must not be used on the following patient populations:

- infants;
- pregnant or breastfeeding women due to restrictions associated with the possible use of medical solutions such as anesthetics;
- patients with medical issues;
- patients with allergies;
- patients with a clinical site not suitable for treatment.

The patient must be calm, relaxed, still, ideally lying flat on a dental chair.

The user is the only person who can decide whether or not to treat his/her patients.

3.7 Parts of the body or types of tissues treated

Treatments must only be carried out on the patient's oral environment.

3.8 Applied parts

The only parts of the medical device that can be put in contact with the patient are the following:

- nozzle
- plastic body

3.9 Essential performance

As stated in the applicable safety standard pertaining to electrical medical devices, SATELEC® has determined that the medical device does not perform essential duties.

3.10 Basic safety in normal use

The active part, the handpiece, is held by the practitioner throughout the treatment. Being medically qualified, the practitioner is qualified to immediately detect any problem at the treatment site and to react accordingly.

It is advisable to have a spare medical device or an alternative means with which to perform the medical treatment in the event of device failure.

The practitioner wears a mask to reduce the risk of inhaling the powder and to control the risk of bacterial or viral airborne contamination.

3.11 Normal usage conditions

The normal usage conditions are as follows:

- storage;
- installation;
- use;
- maintenance;
- disposal.

4 Interactions, contraindications, prohibitions

This includes information relating to the interactions, contraindications and prohibitions known by SATELEC® on the date on which this document was written.

4.1 Contraindications

Prior to any treatment, please learn about your patient's health. If your patient is in at least one of the following situations, do not treat him or her.

- known allergy to one of the components of the polishing powder being used
- endocarditis
- immune deficiency
- under antibiotic therapy, chemotherapy, or radiation therapy
- diabetes
- hemophilia
- asthma, chronic bronchitis, or another respiratory problem

Pregnant or breastfeeding women cannot receive treatment using this medical device.

> Never direct the medical device toward the eyes, even if it is off.

A sensitivity or allergy to the powder's ingredients may occur during treatment. Thoroughly rinse the mouth to remove all traces of powder.

4.2 Using accessories not supplied by SATELEC®

The medical device was designed and developed with its accessories to guarantee maximum safety and performance. The use of accessories from another source could put you and your patients at risk and could damage your medical device.

Even if the manufacturer or distributor of your accessory claims full compatibility with SATELEC® equipment, it is advisable to exercise caution with regards to the origin and safety of the product offered. Look out in particular for lack of information, information in a foreign language, very attractive prices, suspect appearance, mediocre quality or premature wear. If necessary, contact an approved dealer or the SATELEC® customer services department.

4.3 Prohibited uses

- Do not cover the medical device and/or obstruct any air inlets.
- Do not immerse or use outside.
- Do not place the medical device next to a source of heat or in direct sunlight.
- Do not expose the medical device to water spray or mist.
- Do not use the medical device in an AP or APG gas-filled atmosphere.

The medical device is not designed to operate near a source of ionizing radiation.

A hot/cold temperature contrast can cause condensation to form in the medical device, which may be dangerous. If the medical device needs to be moved from a cold place to a warm place, do not use the device immediately but wait until it reaches room temperature.

The medical device may not be stored or used outside the atmospheric pressure and temperature ranges recommended in the User Manual supplied with your medical device.

Do not use the device for anything other than for its intended purpose.

Do not put water in the powder reservoir, and always use a completely dry powder.

5 Medical device description

5.1 Removing the medical device from its packaging

When you receive your medical device, check for any damage that may have occurred during transportation. If you have any questions or requirements, contact your supplier.

If you have received this medical device by mistake, please contact the supplier to arrange for it to be collected.

The AIR-N-GO® easy includes the following items:

- a handpiece with a turbine adapter that cannot be disconnected
- a SUPRA 120° nozzle
- maintenance material, including:
  - a silicone grease syringe
  - silicone grease applicator brushes
  - replacement O-rings
  - a syringe and a cannula
  - a cleaning probe with a metal shaft
  - maintenance instructions flyer [J10104],
- Quick Start guide [J10100] ;
- Quick Clean guide [J10101] ;
- starter kit with ten sticks of Classic powder and two sticks of Pearl powder

> Verify that the AIR-N-GO® easy adapter is compatible with your quick coupling.

5.2 Installing the medical device

The AIR-N-GO® easy connects directly to your dental chair's quick coupling.

1. Remove the turbine.
2. Dry the quick coupling using a multifunctional syringe in air position.
3. Leave the turbine off while connecting the AIR-N-GO® easy.
4. Remove the reservoir cover.
5. Connect the quick coupling to the AIR-N-GO® easy adapter.
6. Adjust the water flow until individual drops come out.
7. Wipe the walls of the reservoir with a dry, lint-free cloth.
8. Press the chair's foot pedal to expel any moisture remaining in the hose. Repeat the operation until droplets no longer can be seen in the wall of the reservoir.
9. Wipe the walls of the reservoir with a dry, lint-free cloth.
10. Fill the reservoir with as much powder as is necessary for the intended treatment. Do not exceed the specified maximum level.
11. Wipe with a dry, lint-free cloth, and remove all traces of powder on the reservoir's fitting and cover.
12. Check that the O-ring is properly positioned in the reservoir's cover.
13. Reclose the reservoir.
14. Remove the nozzle and body from their sterile pouches.
15. Put them in place and begin the treatment.

> In step 8, if there is still moisture on the walls of the reservoir, refer to chapter *Water in the powder reservoir page 23*

Adjust the position of your medical device to correspond to your angle of vision and the characteristics of your workstation, e.g. lighting or distance between the user and the medical device.

Ensure that your medical device is readily accessible. Do not install your medical device near or on another device.

> Check the condition of your quick coupling's O-rings with each use. A defective O-ring could damage your medical device beyond repair.

> Before connecting the AIR-N-GO® easy, dry the chair's quick coupling using the air syringe.

5.3 Tightening a nozzle

The following nozzles are associated with the AIR-N-GO® easy. Each has is own characteristics that make it possible to perform complete clinical procedures, in direction relation to the different types of available powders.

5.3.1 Supra 120° nozzle

The Supra 120° nozzle is used in supra-gingival polishing treatments.

It must be used exclusively in combination with Classic or Pearl supra-gingival powders.

5.3.2 Perio easy nozzle

The Perio easy nozzle is used in periodontal polishing treatments for pockets whose depth is between three and eight millimeters.

It must be used exclusively with Perio powder.

5.3.3 Perio nozzle

The Perio nozzle is used in sub-gingival polishing treatments for periodontal pockets measuring eight to ten millimeters deep.

It must be used exclusively in conjunction with Perio powder.

5.3.4 Perio Maintenance nozzle

The Perio Maintenance nozzle is used in maintenance periodontal treatments involving pockets with a depth of less than or equal to four millimeters.

It must be used exclusively with Perio powder.

5.4 Tests prior to use

Some tests must be performed before using the medical device on your patients. Select a piece of oxidized metal, such as a coin, to perform your tests.

5.5 Adjusting the irrigation flow

The irrigation flow is a key element of the proper functioning of the AIR-N-GO® easy.

The irrigation flow configuration button stops the irrigation function at the stop at least and sets the irrigation flow.

5.6 Turbine adapter

The turbine adapter comes with check valves for air and water. Their job is to prevent air or water from moving in the direction of the dental chair.

5.7 Connecting and disconnecting accessories during use

It is prohibited to disconnect any accessory during use, unscrew the nozzle, or remove the body cover from the AIR-N-GO® easy.

It is prohibited to open the reservoir while the AIR-N-GO® easy is in operation because the powder could fly everywhere in the room.

5.8 Irrigation flow configuration button

Irrigation can be configured on the dental chair. Setting the irrigation to a drop at a time is a prerequisite for the AIR-N-GO® easy to work properly. Please verify the irrigation setting prior to any treatment.

5.9 Powder reservoir

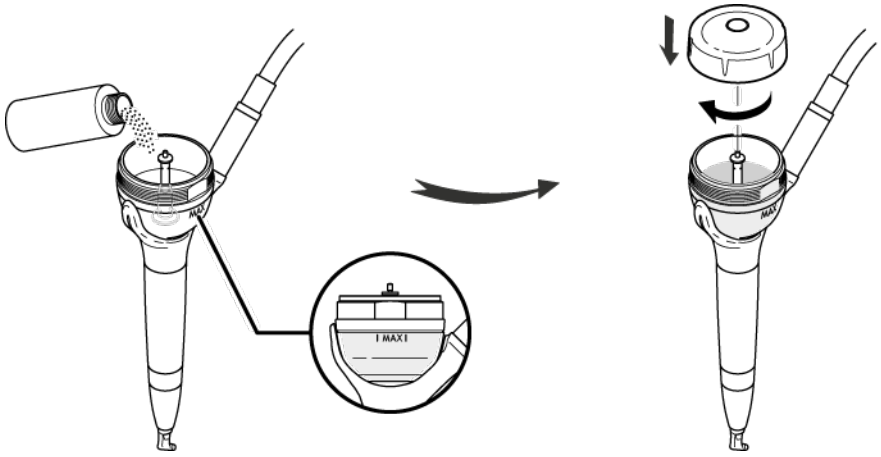
The medical device's reservoir comes with a cap. The maximum capacity is shown by the MAX mark on the reservoir.

Because the reservoir is attached to the handpiece, neither the reservoir nor its cover can be sterilized.

5.10 Filling the powder reservoir

> Check the powder's expiration date.

Fill the reservoir with the powder needed for the intended clinical procedure. Do not exceed the maximum filling line (MAX) to ensure the proper operation of the AIR-N-GO® easy.



5.11 Providing treatment

> The patient and practitioner must both wear protective eyewear. The practitioner also wears a mask.

> Set up a large aspiration cannula, and put it near the area being treated.

> Apply petroleum jelly to the patient's lips before polishing.

1. Press the pedal for your chair, and adjust the irrigation to individual drops.
2. Point the nozzle toward the tooth enamel, keeping a distance of 3-5 mm.
3. Keep the spray at a 30° to 60° angle between the nozzle and the surface of the tooth.
4. Make slight circular movements on the area being treated.
5. Continue the treatment until achieving a satisfactory result.
6. Apply a fluoride gel to the patient's teeth.

After pressure is removed from the pedal, the air-water spray continues for a few moments. Wait for the stream to stop completely before removing the device from the patient's mouth in order to protect the mucous membranes.

> For optimal results, advise your patient not to smoke or eat foods that could stain the teeth for 2-3 hours after the treatment.

5.12 Cleaning the medical device

After installation and prior to the first use, at the end of a day and after an extended period of non-use of the medical device, the medical device must be cleaned. Refer to the chapter *Cleaning, disinfecting and sterilizing page 15* for detailed instructions.

6 Cleaning, disinfecting and sterilizing

6.1 Cleaning and sterilizing

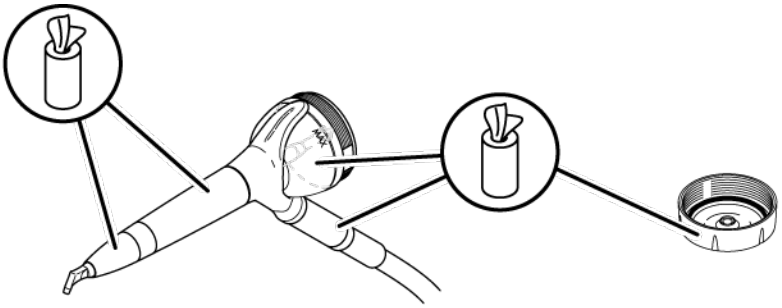
The cleaning, disinfection, and sterilization instructions for the medical device and its accessories supplied by SATELEC® have been validated for each element. Please refer to them, step by step, paying careful attention to the products and durations indicated.

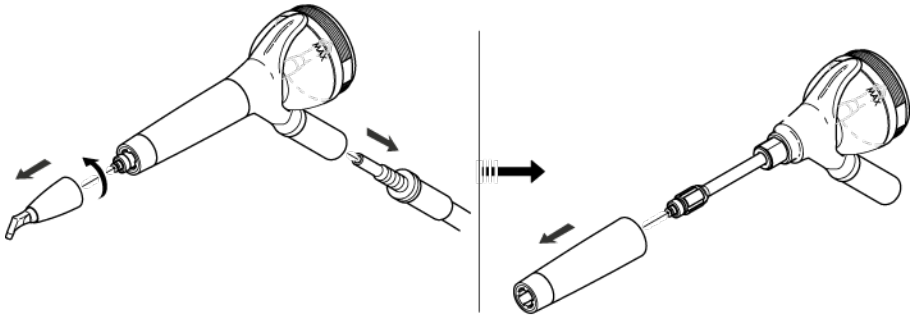
> Any step performed improperly creates a risk of contamination.

6.2 Predisinfection

1. Clean the outside of the AIR-N-GO® easy with an alcohol-based disinfecting wipe.
2. Unscrew the nozzle.
3. Remove the plastic body.
4. Clean the metal part of the body with an alcohol-based disinfecting wipe.

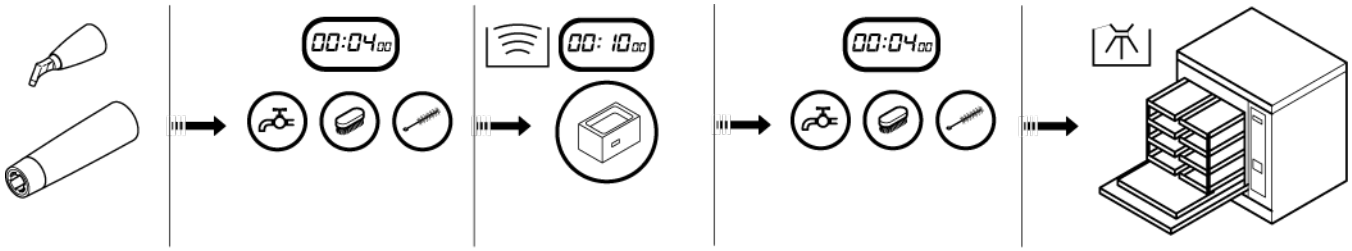
> Do not clean the inside of the reservoir with an alcohol-based disinfecting wipe.





6.3 Cleaning

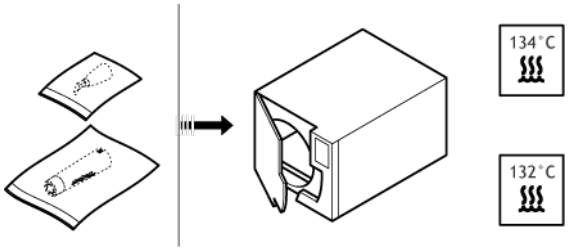
1. Wash the nozzle under water.
2. Wash the body under water.
3. Remove most of the contamination using a soft brush or swab.
4. Submerge the nozzle and body in an ultrasonic tank containing an alkaline or enzyme solution, in accordance with the concentration and times recommended by the solution manufacturer.
5. Remove the nozzle and body.
6. Tap the nozzle on a hard surface to remove any last remaining particles.
7. Rinse the nozzle under water.
8. Rinse the body under water.
9. Use a syringe to rinse the parts that are hard to reach.
10. Dry the nozzle and body using a soft, lint-free disposable cloth.
11. Run the nozzle and body through the washer-disinfector.



6.4 Sterilization

> The disposable sterilization pouches must comply with ISO 11 607 or any equivalent standard required by national regulations.

1. Remove the nozzle and body from the washer-disinfector.
2. Dry them.
3. Package them in a sterilization pouch, with each item in its own pouch.
4. Sterilize them in the steam autoclave with air space according to the normal cycle in your activity area.



In Europe, depending on the country:

- 18 minutes at 134°C and 20 minutes of drying
- 4 minutes at 134°C and 20 minutes of drying
- 3 minutes at 134°C and 20 minutes of drying

A minimum pressure of 2 bars.

In the U.S.A. - 4 minutes at 132 °C with 20 minutes of drying

A minimum pressure of 1.85 bars.

6.5 Storage

Store the sterile items at room temperature in a dry location, away from dust. Prior to use, check the integrity of the packaging, and if necessary, repeat the sterilization.

> If there is visible contamination in the bag, place the item in an infectious medical waste container to be safely destroyed.

7 Monitoring of the medical device

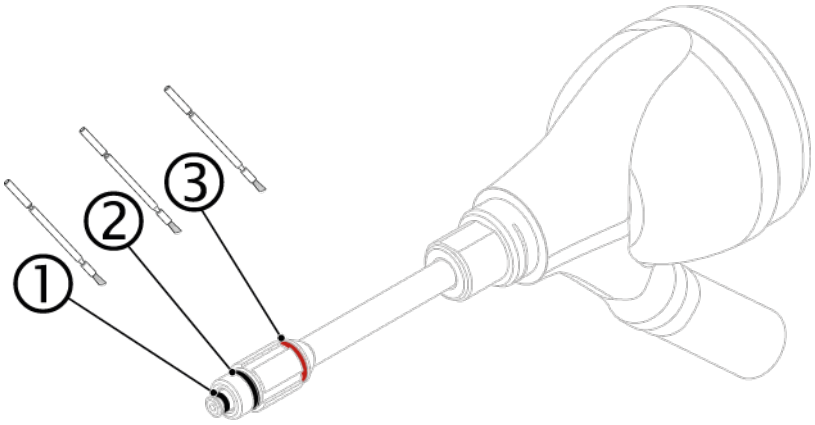
Before and after use, check the medical device and its accessories entirely for any problems. This is necessary to detect any isolation fault or damage. If necessary, replace damaged parts.

The AIR-N-GO® easy is an air polisher that works with polishing powders. Powders associated with the AIR-N-GO® easy contain sodium bicarbonate, calcium bicarbonate, or glycine, but these three ingredients, packaged as a powder, are hygroscopic. Allowing the powder to be exposed to ambient air overnight can lead to a clog in the AIR-N-GO® easy.

7.1 Greasing the O-rings

The AIR-N-GO® easy O-rings can dry out over time and no longer serve their purpose. It is recommended to grease them using the silicone grease supplied by SATELEC®, as follows:

- Remove the AIR-N-GO® easy nozzle and body.
- Pour a drop of silicone grease into a cup.
- Using the supplied brush, take a small amount of the grease and spread it on the indicated O-rings.



- Wipe the excess grease with a dry, lint-free cloth.
- Pack up the AIR-N-GO® easy body for future use.

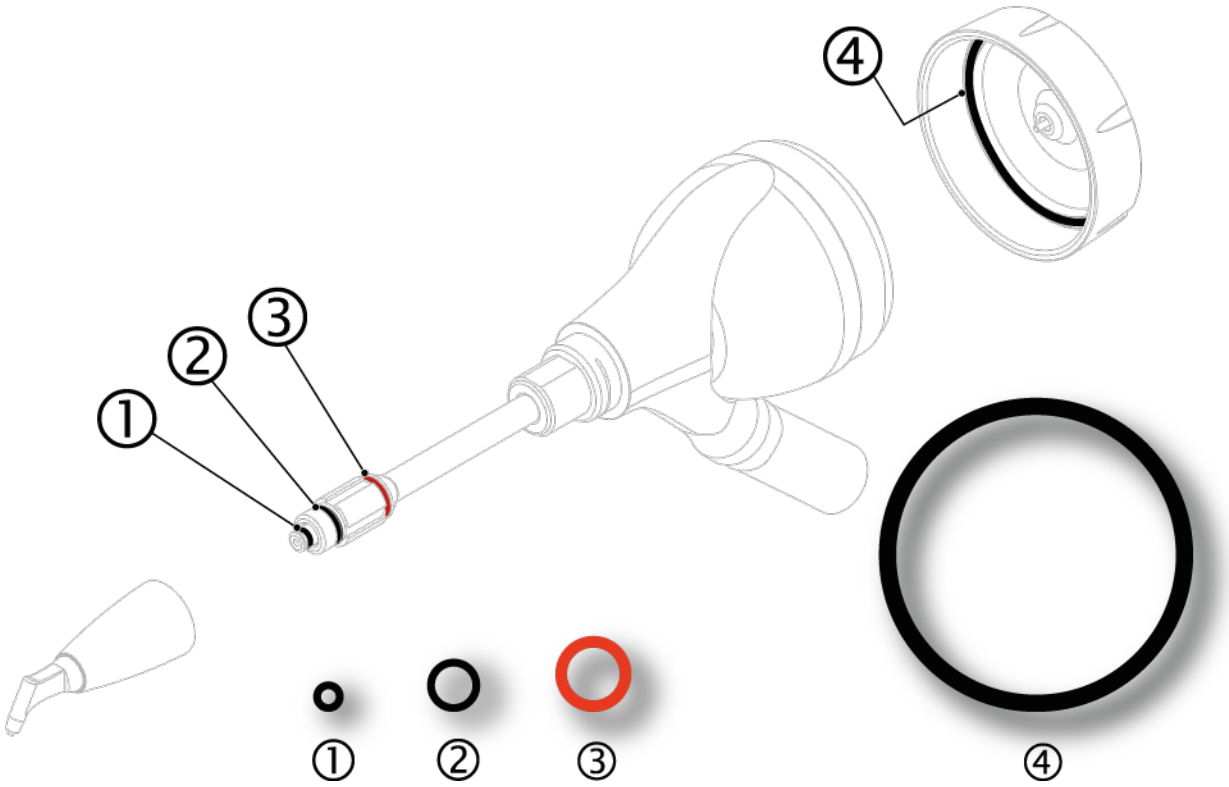
> Never use turbine grease spray to grease these O-rings, which will cause immediate and irreversible damage.

> Never grease the O-ring on the inside of the reservoir cover, which will immediately cause the AIR-N-GO® easy to clog.

7.2 Replacing the O-rings

Regularly inspect the condition of the O-rings of the AIR-N-GO® easy handpiece. Replace any damaged O-rings with the [F10121] kit.

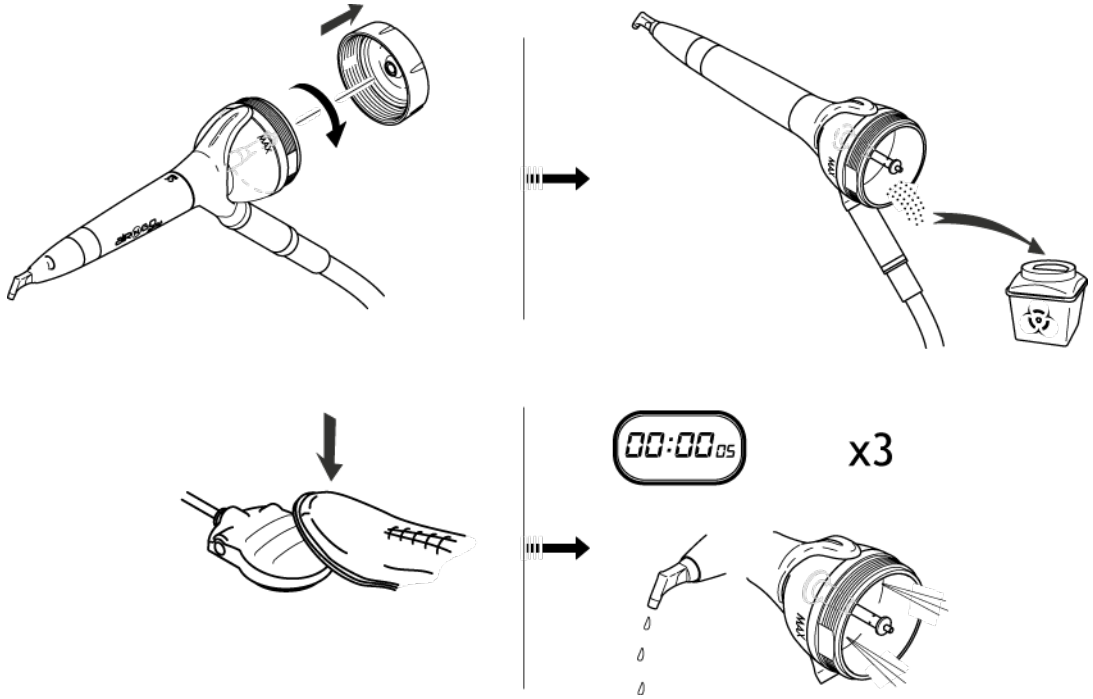
If the AIR-N-GO® easy crackles, indicating the presence of air in the water, or if the water forms beads between the nozzle and the handpiece body, then the O-rings of the AIR-N-GO® easy must be replaced, as indicated.



7.3 Cleaning the air system

This must be done whenever the AIR-N-GO® easy is used.

1. Unscrew the reservoir cover.
2. Pour the remaining powder into an infectious medical waste container.
3. Run the air without a reservoir cover until there is are no traces of moisture on the inside walls of the reservoir.
4. Wipe the inside walls of the reservoir with a dry, lint-free cloth.



If water droplets continue to appear on the inside walls of the reservoir, check the condition of the O-ring on your quick coupling.

7.4 Preventive cleaning

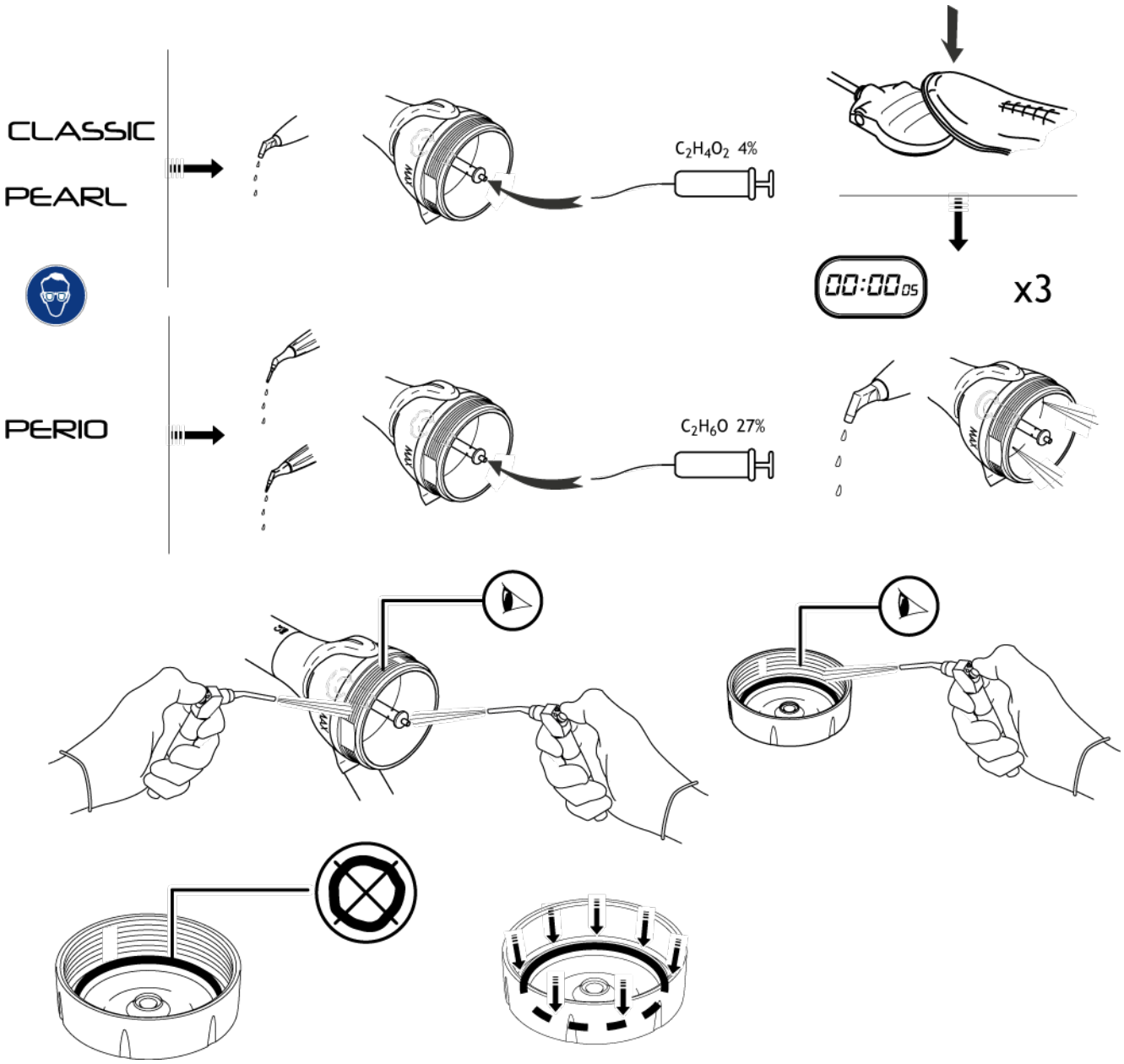
Preventive cleaning must be done whenever the AIR-N-GO® easy is used.

Wear protective eyewear.

Devices that use a sodium bicarbonate or calcium carbonate based powders are maintained with an aqueous solution with 4% acetic acid, such as an alcohol vinegar whose empirical formula is $C_2H_4O_2$, or diluted lemon juice.

Devices that us glycine-based powders are maintained with a 27% ethanol aqueous solution whose formula is C_2H_6O, such as green Listerine®.

1. Fill the syringe with liquid prepared with cleaning powder.
2. Inject the liquid into the metal shaft of the AIR-N-GO® easy from the opening on the reservoir.
3. Inject as much as necessary until the liquid drips from the nozzle.
4. Wait for all the liquid to drain.
5. Clean the AIR-N-GO® easy air system until there are no traces of moisture on the inside walls of the reservoir.
6. Dry the metal shaft using the multifunctional syringe in air position.
7. Using the multifunctional syringe in air position, clean the reservoir's threading, the reservoir cover's threading, and under the reservoir cover's O-ring.
8. Inspect the reservoir cover's O-ring, and put it back into place.



The Classic and Pearl powders are cleaned using a 4% acetic acid aqueous solution.
The Perio powder is cleaned using a 27% ethanol aqueous solution.

8 Identifying incorrect operation

In the event of incorrect operation, refer to the tables below to quickly identify and repair the non-complex parts of the medical device.

If the incorrect operation is not described in the tables below, please contact your supplier or the SATELEC® After-Sales team.

Do not use the medical device if it appears to be damaged or faulty. Isolate the medical device and make sure that it cannot be used.

> The medical device cannot be repaired on site.

8.1 Not working

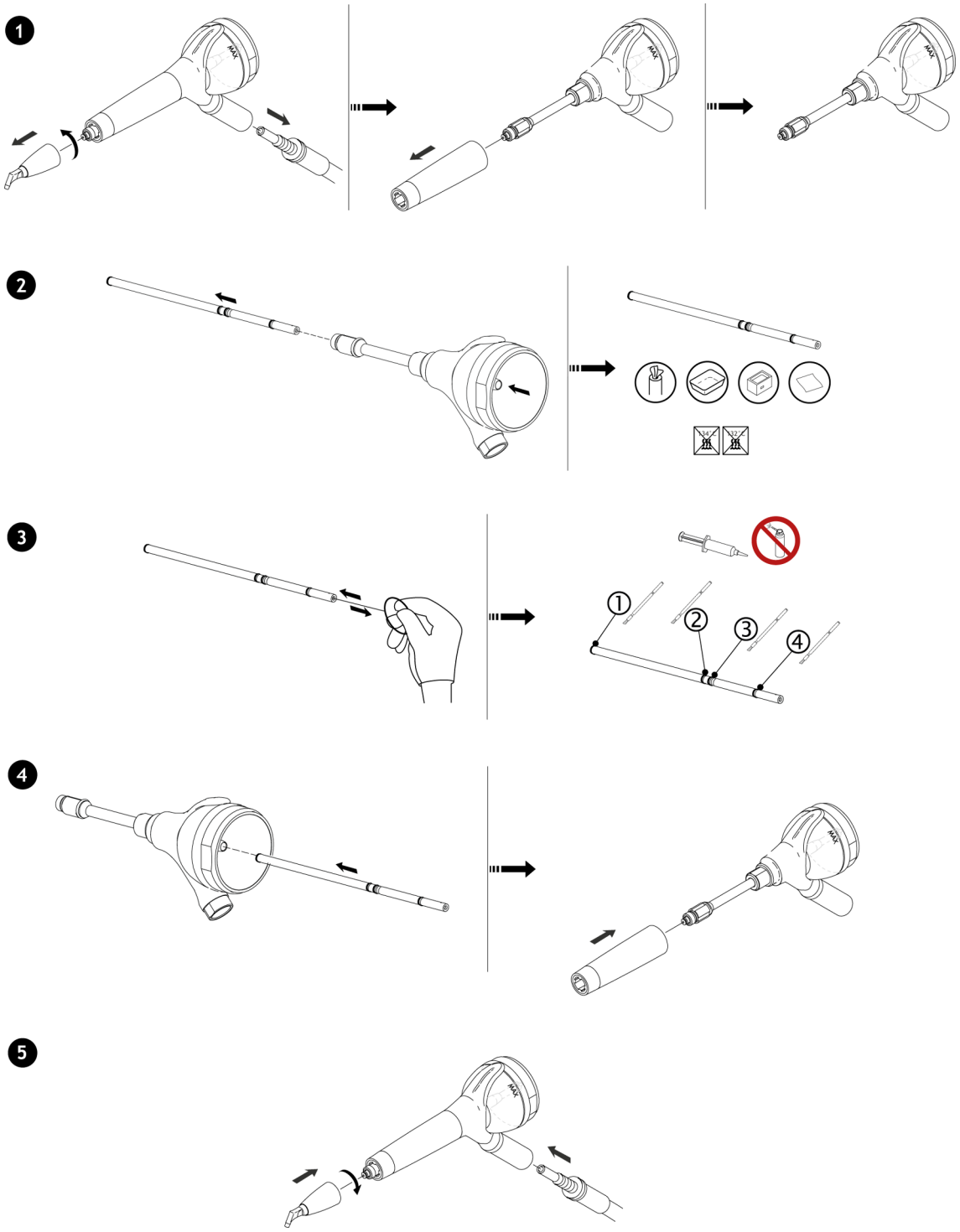
Symptoms: The air polisher is not working.

Possible causes	Solutions
The chair is not producing air or water	• Disconnect the AIR-N-GO® easy from the quick coupling. • Press the chair pedal. • Verify that air is coming out of the quick coupling. • Verify that water is coming out of the quick coupling. If neither air nor water or if only air or only water is coming out of the chair, the problem is in the chair. If air and water are coming out of the chair, go to the procedure chapter *No spray page 21*.

8.2 No spray

Symptoms: The air polisher does not produce a spray.

Possible causes	Solutions
The chair is not producing air or water.	See the procedure in chapter *Not working page 21*.
The nozzle is clogged.	• Submerge the nozzle in an appropriate solution for the powder being used. • Run it all in the ultrasonic tank for at least 10 minutes. • Remove the nozzle and tap it on a cloth to remove the last remaining particles. • Without rinsing it, screw the nozzle onto the handpiece. • Connect the handpiece to the quick coupling, and ensure that the reservoir is clean and dry. • Turn on and test the handpiece. If it is still clogged, contact SATELEC® After-Sales Service. If the AIR-N-GO® easy is working, unscrew the nozzle and rinse it with water, then screw the nozzle onto the handpiece.
The irrigation is not adjusted.	• Unscrew the reservoir cover. • Pour the powder into an infectious medical waste container. • Adjust the irrigation until individual drops come out. • Bleed the air system. • Wipe the inside walls of the reservoir with a dry, lint-free cloth. • Put the powder into the reservoir. • Screw on the reservoir cover.
The AIR-N-GO® easy air hose is clogged.	Follow the procedure below.



8.3 Powder is escaping from the reservoir.

Symptoms: Powder is escaping from the reservoir.

Possible causes	Solutions
The reservoir cover is not tightened completely.	Tighten the reservoir cover.

Possible causes	Solutions
The cover's O-ring is improperly positioned. There is powder remaining under the cover's O-ring. The cover's O-ring is defective. The reservoir is cracked.	• Unscrew the reservoir cover. • Pour the powder into an infectious medical waste container. • Remove the O-ring from the cover and inspect its condition. • Blow on it using the air function on the multifunctional syringe, and clean the cover's threading. • Replace the cover's O-ring. • Fill the reservoir up to the maximum level indicated with the appropriate powder for the desired clinical procedure. • Screw on the reservoir cover.

8.4 Water in the powder reservoir

Symptoms: Drops of water appear in the powder reservoir.

Possible causes	Solutions
The reservoir was not dry before the powder was poured into it.	• Unscrew the reservoir cover. • Pour the powder into an infectious medical waste container. • Bleed the air system at least three times for five seconds each time. • Dry the air system using the multifunctional syringe in air position. • Wipe the inside walls of the reservoir. • Fill the reservoir up to the maximum level indicated with the appropriate powder for the desired clinical procedure. • Screw on the reservoir cover.
The quick coupling O-ring is defective.	The problem is in the chair. Please contact a technician.
There is water in your compressor.	Contact a technician to check your compressor.

9 Technical specifications of the medical device

9.1 Identification

Manufacturer	SATELEC®
Name of the medical device	AIR-N-GO® easy

9.2 Air polisher

Length	180 mm - 205 mm depending on the adapter
Height	70 mm - 95 mm depending on the adapter
Diameter	Max 46 mm
Weight	114 g - 155 g depending on the adapter

9.3 Irrigation

Water pressure at inlet	Max 5 bars
Recommended water output flow at the end of the nozzle	15 ml/min to ± 5 ml/min

9.4 Air

Air pressure at inlet	Static 3 bar - 4 bar

9.5 Environmental characteristics

Operating temperature	+10°C to +30°C
Storage temperature	0°C to +50°C
Storage temperature of air polishing powder	+5°C to +25°C
Operating humidity	30% to 70%
Storage relative humidity	10% to 70%, including condensation
Atmospheric pressure for storage	500 hPa to 1060 hPa

9.6 Environmental restrictions

Usage premises	Can be used at all medical premises. The medical device must not be used in an operating theater or outdoors.
Use in gas-filled atmosphere	The medical device is not designed for use in a type AP or APG gas-filled atmosphere or in the presence of anesthetic gases.
Immersion	The medical device must not be immersed.

9.7 Main performance characteristics

- air pressure / flow
- water pressure / flow
- SATELEC® abrasive dental powder (controlled grain size)

10 Regulations and standards

10.1 Official Texts

This medical device complies with the essential requirements of European Directive 93/42/EEC. It was designed and manufactured in accordance with an EN ISO 13485-certified quality assurance system.

10.2 Medical class of the device

This medical device is a class IIa device according to European Directive 93/42/EEC.

10.3 Symbols

Symbols	Meaning
	Refer to the accompanying documentation
	Consult the user manual
	The accompanying documentation is available in electronic format
	Do not use the medical device if the patient or practitioner is wearing an implantable device
	Sterilization at 134°C in an autoclave
	Sterilization at 132°C in an autoclave
	Washer disinfector for thermal disinfection
	Ultrasonic bath
	CE marking

10.4 Manufacturer identification

SATELEC
A Company of ACTEON Group
17, avenue Gustave Eiffel
BP 30216
33708 MERIGNAC cedex
FRANCE
Tel. +33 (0) 556.34.06.07
Fax. +33 (0) 556.34.92.92
E.mail: satelec@acteongroup.com.
www.acteongroup.com

CE 0459
CE Marking

10.5 Branch addresses

U.S.A. & Canada
ACTEON North America
124 Gaither Drive, Suite 140
Mount Laurel, NJ 08054 - USA
Tel. +1 856 222 9988
Fax. +1 856 222 4726
info@us.acteongroup.com

GERMANY
ACTEON GERMANY GmbH
Industriestrasse 9 – 40822 METTMANN - GERMANY
Tel. +49 21 04 95 65 10
Fax. +49 21 04 95 65 11
info@de.acteongroup.com

SPAIN
ACTEON MEDICO-DENTAL IBERICA, S.A.U.
Avda Principal no. 11 H
Poligono Industrial Can Clapers
08181 SENTMENAT (BARCELONA) - SPAIN
Tel. +34 93 715 45 20
Fax. +34 93 715 32 29
info@es.acteongroup.com

U.K.
ACTEON UK
Unit 1B - Steel Close – Eaton Socon, St Neots
CAMBS PE19 8TT - UK
Tel. +44 1480 477,307
Fax. +44 1480 477 381
info@uk.acteongroup.com

MIDDLE EAST
ACTEON MIDDLE EAST
Numan Center - 2nd Floor No. 205 - Gardens Street
PO Box 5746 - 11953 AMMAN - JORDAN
Tel. +962 6 553 4401
Fax. +962 6 553 7833
info@me.acteongroup.com

CHINA
ACTEON CHINA
Office 401 - 12 Xinyuanxili Zhong Street -
Chaoyang District - BEIJING 100027 - CHINA
Tel. +86 10 646 570 11/2/3
Fax. +86 10 646 580 15
beijing@cn.acteongroup.com

THAILAND
ACTEON (THAILAND) LTD
23/45 Sorachai Building 16th floor - Sukumvit 63
Road, Klongton Nua - Wattana, BANGKOK 10110
- THAILAND
Tel. +66 2,714 3295
Fax. +66 2 714 3296
info@th.acteongroup.com

INDIA
ACTEON INDIA
B-94, GIDC Electronic Estate - Sector 25 –
GANDHINAGAR 382028 Gujarat - INDIA
Tel. +91 79 2328 7473
Fax. +91 79 2328 7480
info@in.acteongroup.com

LATIN AMERICA
ACTEON LATINA AMERICA
Bogotà - COLOMBIA
Mobile: +57 312 377 8209
carlosandres.vera@es.acteongroup.com

RUSSIA
ACTEON RUSSIA
Valdajski Proezd 16 – office 243
125445 Moscow - RUSSIA
Tel./Fax. +7 499 76 71 316
sergey.koblov@ru.acteongroup.com

AUSTRALIA/NEW ZEALAND
ACTEON AUTRALIA/NEW ZEALAND
Suite 119, 30-40 Harcourt Parade
Rosebery NSW 2018
Australia
Tel. +612 9669 2292
Fax. +612 9669 2204
sandy.junior@au.acteongroup.com

TAIWAN
ACTEON TAIWAN
11F., No.1, Songzhi Rd.
Xinyi Dist., Taipei City 11047
TAIWAN (R.O.C.)
+ 886 2 8729 2103
tina.chu@tw.acteongroup.com

11 Glossary

A

Adaptor

A part that allows the AIR-N-Go easy to be connected directly to the quick coupling on a dental chair.

C

C2H4O2

Empirical formula of acetic acid, used for the routine maintenance of devices working with powders that have a sodium bicarbonate and calcium carbonate base.

C2H6O

Empirical formula of ethanol, used for the routine maintenance of devices using glycine-based powders.

Classic Powder

Air polishing powder made with sodium bicarbonate and available in a variety of fragrances.

H

Hygroscopic

Describes a body with a high affinity for water that promotes condensation and whose property is to absorb moisture from the air.

I

Infectious medical waste container

A container designed to collect waste from patient treatments involving a risk of infection and contamination for humans and the environment. This container uses a specialized channel and should never be used for conventional household waste.

L

Listerine®

Listerine® is a registered trademark of Pfizer.

P

Pearl Powder

Air polishing powder made with calcium carbonate.

Perio Powder

Air polishing powder made with glycine.

Powder

Air polishing powder, made by Satelec, whose composition varies depending on the intended procedure.

Q

Quick coupling

A connection on which the turbine connects. Coming from the dental chair, it varies by manufacturer. Connects to the AIR-N-GO easy adapter.

T

Tank

A translucent container connected to the body of the AIR-N-GO easy. Has a line indicating the maximum allowable fill level for proper functioning (MAX). Also called a jar.

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Q

R

S

T

U

W

CE 0459
CE Marking

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A Company of ACTEON Group • 17 av. Gustave Eiffel • BP 30216 • 33708 MERIGNAC cedex • France
Tel. +33 (0) 556 34 06 07 • Fax. +33 (0) 556 34 92 92
E-mail: satelec@acteongroup.com • www.acteongroup.com

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