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User Manual



AIR-N-GO® easy

EQUIPMENT ACTEON

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This document is an English translation of the original French version.
Reference J10120 version V5 and drawing number ND27FR050E

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Contents

1 Documentation **5**
1.1 Associated documentation 5
1.2 Electronic documentation 5
2 Required information **7**
2.1 Indication for use 7
2.2 Operating principle 7
2.3 Date of first inclusion of EC marking 7
2.4 Latest document update 7
2.5 Repairing or modifying the medical device 7
2.6 Warranty 7
2.7 Accessory usage conditions 7
3 Warnings **8**
3.1 Federal Law 8
3.2 Warning applicable to all countries in which the device is sold 8
3.3 User population 8
3.4 Specific user training 8
3.5 Patient population 8
3.6 Patient population restriction 9
3.7 Parts of the body or types of tissues treated 9
3.8 Applied parts 9
3.9 Essential performance 9
3.10 Basic safety in normal use 9
3.11 Normal usage conditions 9
4 Interactions, contraindications, prohibitions **10**
4.1 Contraindications 10
4.2 Using accessories not supplied by SATELEC® 10
4.3 Prohibited uses 10
5 Medical device description **11**
5.1 Removing the medical device from its packaging 11
5.2 Installing the medical device 11
5.3 Attaching a nozzle 12
5.3.1 Supra 120° nozzle 12
5.3.2 Perio easy Nozzle 12
5.3.3 Perio Nozzle 12
5.3.4 Perio Maintenance Nozzle 12
5.4 Pre-use test 12
5.5 Adjusting the irrigation flow 12
5.6 Turbine adapter 12
5.7 Connecting and disconnecting accessories during use 12
5.8 Irrigation flow control knob 13

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5.9 Powder tank 13
5.10 Filling the powder tank 13
5.11 Dispensing a treatment 13
5.12 Cleaning the medical device 13
6 Cleaning, disinfecting and sterilising 15
6.1 Cleaning and sterilising 15
6.2 Pre-disinfection 15
6.3 Cleaning 16
6.4 Sterilisation 16
6.5 Storage 16
7 Checking the medical device 17
7.1 Lubricating O-rings 17
7.2 Replacing O-rings 17
7.3 Cleaning the air circuit 18
7.4 Performing preventive cleaning 19
8 Identifying incorrect operation 21
8.1 Not working 21
8.2 No spray 21
8.3 Powder coming out of the tank 22
8.4 Water in the powder tank 23
9 Technical specifications of the medical device 25
9.1 Identification 25
9.2 Air polisher 25
9.3 Irrigation 25
9.4 Air 25
9.5 Environmental characteristics 25
9.6 Environmental restrictions 25
9.7 Main performance characteristics 25
10 Regulations and standards 27
10.1 Official Texts 27
10.2 Medical class of the device 27
10.3 Symbols 27
10.4 Manufacturer identification 28
10.5 Branch addresses 29
11 Glossary 31
12 Index 33

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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 is therefore a key 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 your medical device's technology, please read the documentation provided carefully.

Please refer to the instructions for the entire range of SATELEC® air polishers for information about the following:

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

Please refer to the User Manuals, Quick Start Guides and Quick Clean Guides for each medical device 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.

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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;
- medical device installation;
- medical device use;
- preparation prior to cleaning and disinfecting the medical device;
- medical device sterilisation;
- 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
AIR-N-GO® easy O-ring maintenance	J10104
AIR-N-GO® easy User Manual	J10121
Consulting electronic user instructions	J00000

> The Quick Start and Quick Clean documents are summaries created for your approval. The only binding instructions are the User Manuals and regulatory documents associated with the medical device.

1.2 Electronic documentation

The user instructions for your device are available in electronic format on the specified website and not in printed format. If the website is unavailable, try again later. You can also request a free printed copy of the user instructions within 7 days via our website, by telephone or in writing.

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 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



When you receive your device, you are asked to print and/or to 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.

> Never use your device without first reading the user instructions.

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2 Required information

2.1 Indication for use

This medical device is designed for supra- and subgingival prophylactic treatments of dental and prosthetic surfaces. It is used with SATELEC®dental polishing powder.

This medical device is designed for the treatment of peri-implantitis with the Perio option.

2.2 Operating principle

In polishing mode, air and water are supplied to the medical device. When air penetrates the closed tank, it creates a powder cloud, which is then transferred to the area being treated through a nozzle. Air, water and powder are mixed at the medical device output.

2.3 Date of first inclusion of EC marking

2011

2.4 Latest document update

10/2015

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

Only clearly indicated parts of the medical device can be unscrewed by the user. The unscrewing of any other parts may invalidate the warranty. The container and the adapter cannot be and must never be detached from the body of the medical device.

2.7 Accessory usage conditions

The AIR-N-GO® easy's nozzles and plastic body must be cleaned, disinfected and sterilised prior to each use.

The AIR-N-GO® easy's body must be cleaned and disinfected prior to each use. Please read the detailed instructions in the chapter *Cleaning, disinfecting and sterilising page 15*

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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 sterilisation 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 arms that may prevent the user from holding a handpiece;
- disability of legs that may prevent use of a footswitch;
- 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 populations:

- Children;
- Teenagers;
- Adults;
- Old Age Pensioners.

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

Patients wearing prescription glasses or contact lenses must remove them before the treatment and wear the safety goggles provided during the treatment.

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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 anaesthetics;
- 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

Only the following parts of the medical device must come into contact with the patient:

- nozzle;
- plastic body.

3.9 Essential performance

As stated in the applicable safety standard pertaining to electrical medical devices, SATELEC® determined that the medical device did not manage essential performances.

3.10 Basic safety in normal use

The active part, the handpiece is in the practitioner's hand throughout the medical procedure. 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 must wear a mask to limit the risk of powder inhalation and to prevent 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.

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4 Interactions, contraindications, prohibitions

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

4.1 Contraindications

It is important to determine a patient's state of health prior to treatment. If one or more of the following applies to your patient, please do not treat them:

- known allergy to one of the ingredients in the polishing powder used;
- endocarditis;
- immune deficiency;
- taking a course of antibiotics, undergoing chemotherapy/radiotherapy treatment;
- diabetes;
- haemophilia;
- asthma, chronic bronchitis or another breathing disorder.

Pregnant or breastfeeding women cannot be treated with this medical device.

> Never point the medical device directly at the eyes even when it is not in use.

A sensitivity or allergy to any of the powder ingredients may become apparent during treatment. Rinse the patient's mouth thoroughly to remove all traces of the 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 dealer 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

- Never cover the medical device and/or obstruct the 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 ionising 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.

Only use the medical device for the purpose for which it has been designed.

Do not put water in the powder container and use a completely dry powder.

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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 non-detachable turbine adapter;
- a SUPRA 120° nozzle;
- servicing and maintenance equipment including:
  - a tube of silicone grease,
  - silicone grease applicator brushes,
  - spare O-rings,
  - a syringe and a cannula,
  - a metal shaft cleaning probe,
  - a maintenance instructions leaflet [J10104],
- a [J10100] Quick Start guide;
- a [J10101] Quick Clean guide;
- a starter kit comprising 10 Classic powder sachets and 2 Pearl powder sachets.

> Check 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 the quick coupling on your dental chair.

1. Remove the turbine;
2. Dry the quick coupling using the multi-purpose syringe air function;
3. Do not activate the turbine function when connecting the AIR-N-GO® easy;
4. Remove the lid from the tank;
5. Connect the quick coupling to the AIR-N-GO® easy adapter;
6. Adjust the water flow to drop-by-drop;
7. Wipe the inside walls of the tank with a dry, lint-free cloth;
8. Press the footswitch to eliminate any moisture still in the circuit. Repeat the procedure until there are no more droplets on the inside walls of the tank;
9. Wipe the inside walls of the tank with a dry, lint-free cloth;
10. Fill the tank with the correct amount of powder for the intended treatment. Fill the tank to the indicated limit;
11. Wipe with a dry, lint-free cloth to remove all traces of powder from the threads and the tank lid;
12. Check that the O-ring is correctly positioned in the tank lid;
13. Screw the lid back onto the tank;
14. Remove the nozzle and the body from their sterile bags;
15. Install them and start treatment.

> If droplets continue to appear on the inside walls of the tank in step 8, read the chapter *Water in the powder tank 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.

> Inspect the condition of the O-rings on your quick coupling prior to each use. A damaged O-ring can cause irreparable damage to your medical device.

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

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5.3 Attaching a nozzle

The following nozzles can be attached to the AIR-N-GO® easy. Each nozzle has specific characteristics to enable all clinical treatments to be performed, in direct association with the various types of powder available.

5.3.1 Supra 120° nozzle

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

It must only be used with the Classic and Pearl supra-gingival powders.



5.3.2 Perio easy Nozzle

The Perio easy nozzle is used for periodontal polishing treatments for three to eight millimetre-deep periodontal pockets.

It must only be used with Perio powder.



5.3.3 Perio Nozzle

The Perio nozzle is used for subgingival polishing treatments for eight to ten millimetre-deep periodontal pockets.

It must only be used with Perio powder.



5.3.4 Perio Maintenance Nozzle

The Perio Maintenance nozzle is used for periodontal maintenance treatments for periodontal pockets that are equal to or less than four millimetres deep.

It must only be used with Perio powder.



5.4 Pre-use test

You must perform tests prior to using the medical device on your patients. Perform your tests on a piece of oxidized metal, such as a coin.

5.5 Adjusting the irrigation flow

Correct irrigation flow is essential for the correct operation of the AIR-N-GO® easy.

The irrigation flow control knob is used to stop the irrigation function against the low stop and to control the irrigation flow.

5.6 Turbine adapter

The turbine adapter is equipped with water and air check valves. These prevent any air or water rising back up in the direction of the dental chair.

5.7 Connecting and disconnecting accessories during use

No accessories must be disconnected during use, the nozzle must not be unscrewed and the AIR-N-GO® easy body protection must not be removed.

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To prevent powder from spraying all over the surgery, the powder tank must not be opened when the AIR-N-GO® easy is in use.

5.8 Irrigation flow control knob

Irrigation is controlled from the dental chair. Controlled drop-by-drop irrigation is necessary for the AIR-N-GO® easy to operate correctly. Please check the irrigation flow prior to starting treatment.

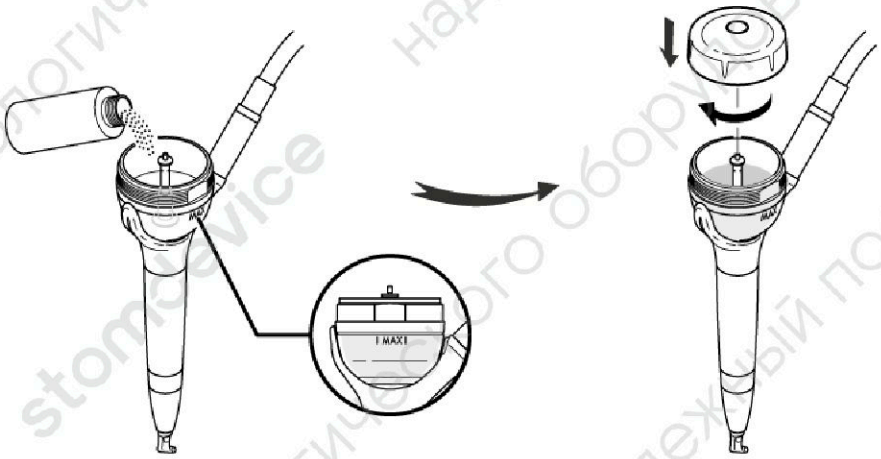
5.9 Powder tank

The medical device's tank is fitted with a lid. The maximum volume is marked by the word MAX on the tank. The tank is part of the handpiece and neither the tank nor its lid can be sterilised.

5.10 Filling the powder tank

| Check the expiry date of the powder.

Fill the tank with the required amount of powder for the treatment to be performed. Do not fill past the maximum line indicated to ensure correct operation of theAIR-N-GO® easy.



5.11 Dispensing a treatment

| The patient and the practitioner must wear safety goggles. The practitioner must also wear a mask.

| Install a large suction cannula and keep it near the area being treated.

| Apply medical Vaseline to the patient's lips before polishing.

1. Press your chair's footswitch to adjust irrigation to drop-by-drop;
2. Point the nozzle at the dental enamel, holding it 3 to 5 mm away;
3. Ensure a spray angle of 30° to 60° between the nozzle and the surface of the tooth;
4. Make gentle circular movements over the area being treated;
5. Continue treatment until the desired result is obtained;
6. Apply a fluoride gel to the patient's teeth.

Air-water will continue to spray for a few seconds after releasing pressure on the footswitch. To protect the mucosa, wait for the spray to stop completely before removing the device from the patient's mouth.

| For an optimum result, ask your patient to refrain from smoking or from eating any foods that could stain their teeth for 2 to 3 hours following treatment.

5.12 Cleaning the medical device

After installation and prior to first use, at the end of the day and following a prolonged period of non-use of the medical device, it is necessary to clean the medical device. Refer to the chapter *Cleaning, disinfecting and sterilising page 15* for more detailed instructions.

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6 Cleaning, disinfecting and sterilising

6.1 Cleaning and sterilising

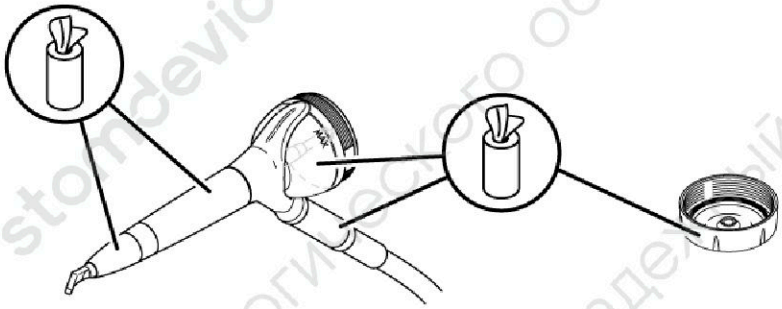
The instructions relating to cleaning, disinfection and sterilisation of the medical device and accessories provided by SATELEC® have been approved for each part. Follow the instructions step by step making absolutely sure that you comply with the products and times indicated.

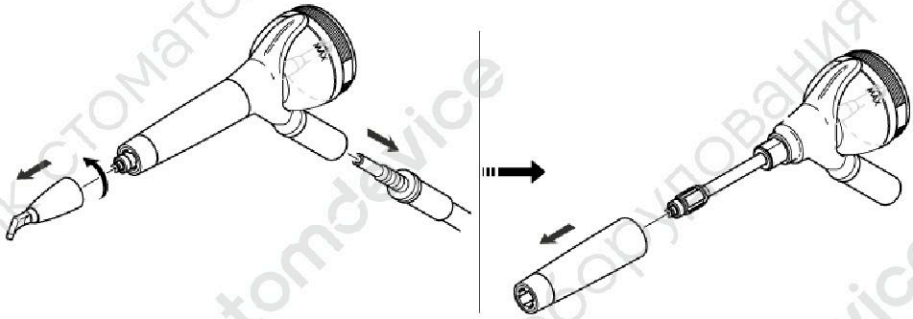
| Any step that is performed without complying with the instructions, creates a risk of contamination.

6.2 Pre-disinfection

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

| Do not clean the inside of the tank with an alcohol disinfection wipe.



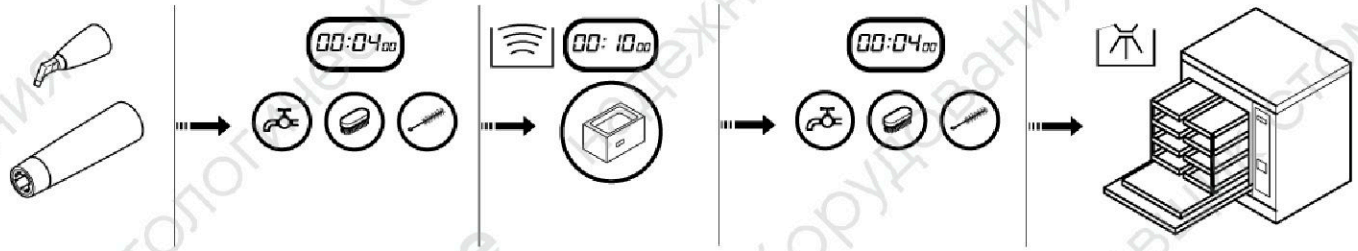




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6.3 Cleaning

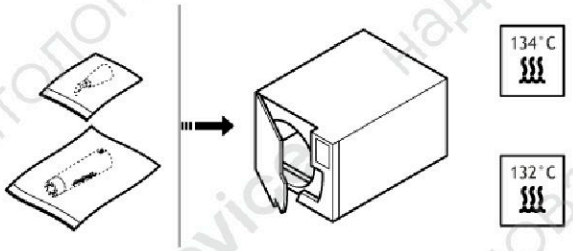
1. Wash the nozzle under water;
2. Wash the body under water;
3. Use a soft-bristled brush or a swab to remove most of the contamination;
4. Immerse the nozzle and the body in an ultrasonic tank filled with an alkaline or enzymatic solution ensuring compliance with the concentration and times recommended by the solution manufacturer;
5. Remove the nozzle and the body;
6. Tap the nozzle onto a hard surface to remove any remaining particles;
7. Rinse the nozzle under water;
8. Rinse the body under water;
9. Use a syringe to rinse difficult-to-reach parts;
10. Dry the nozzle and the body with a single-use soft, lint-free cloth;
11. Transfer the nozzle and the body to the washer-disinfector.



6.4 Sterilisation

> Single-use sterilisation bags must comply with ISO standard 11 607 or any equivalent standard required by a national regulation.

1. Remove the nozzle and the body from the washer-disinfector:
2. Dry them;
3. Package each individual part in its own sterilisation bag;
4. Sterilise them in a vacuum steam autoclave steriliser according to the usual cycle in your activity area:



In Europe, depending on the country:

- 18 minutes at 134°C and 20 minutes drying time;
- 4 minutes at 134°C and 20 minutes drying time;
- 3 minutes at 134°C and 20 minutes drying time.

Pressure of at least 2 bars.

In the USA - 4 minutes at 132°C and 20 minutes drying time.

Pressure of at least 1.85 bars.

6.5 Storage

Store the sterilised parts in a dry place, away from dust and at ambient temperature. Prior to each use, check the integrity of the packaging and if necessary, re-sterilise.

> If there is any visible contamination inside the bag, place the part in an infectious clinical waste container to ensure it is disposed of without risk.

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7 Checking the medical device

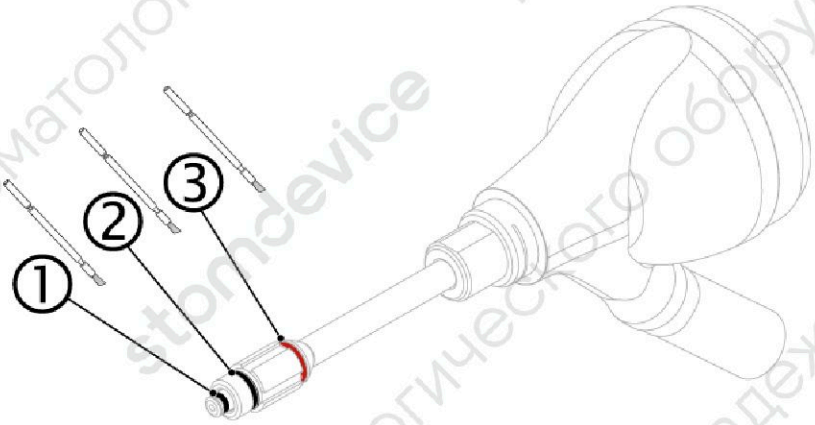
Before and after use, check the medical device and its accessories entirely for any problems. This is necessary to detect any isolation fault or damage. If necessary, replace damaged parts.

The AIR-N-GO® easy is an air polisher that works with polishing powders. Powders for use with the AIR-N-GO® easy contain bicarbonate of soda, calcium carbonate or glycine. However, in powder form, these three ingredients are hygroscopic. Leaving the powder exposed to ambient air for one night is enough to cause a blockage of the AIR-N-GO® easy.

7.1 Lubricating O-rings

After a certain time, the O-rings on the AIR-N-GO® easy body may dry out and become defective. They should be lubricated with the silicone grease supplied by SATELEC® as follows:

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



- Wipe off any excess grease with a dry, lint-free cloth;
- Condition the body of theAIR-N-GO® easy pending its next use.

> Never use turbine spray lubricant to lubricate the O-rings. This will damage them instantly and render them irreparable.

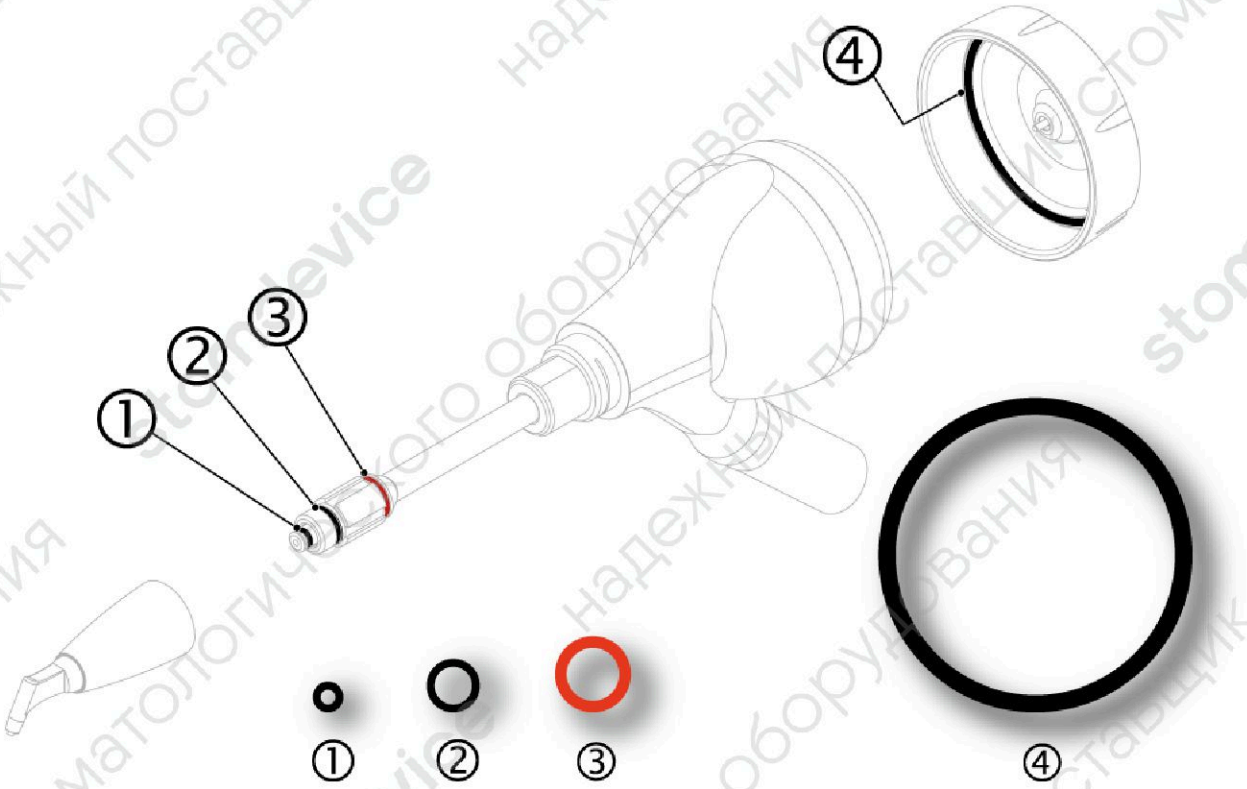
> Never apply grease to the O-ring inside the tank lid as this will instantly block the AIR-N-GO® easy.

7.2 Replacing O-rings

Regularly check the condition of the AIR-N-GO® easy handpiece O-rings. Any damaged O-ring must be immediately replaced using the kit [F10121].

If the AIR-N-GO® easy sputters, indicating the presence of air in the water, or if the water drips between the handpiece body and the nozzle, the AIR-N-GO® easy O-rings must be replaced as shown.

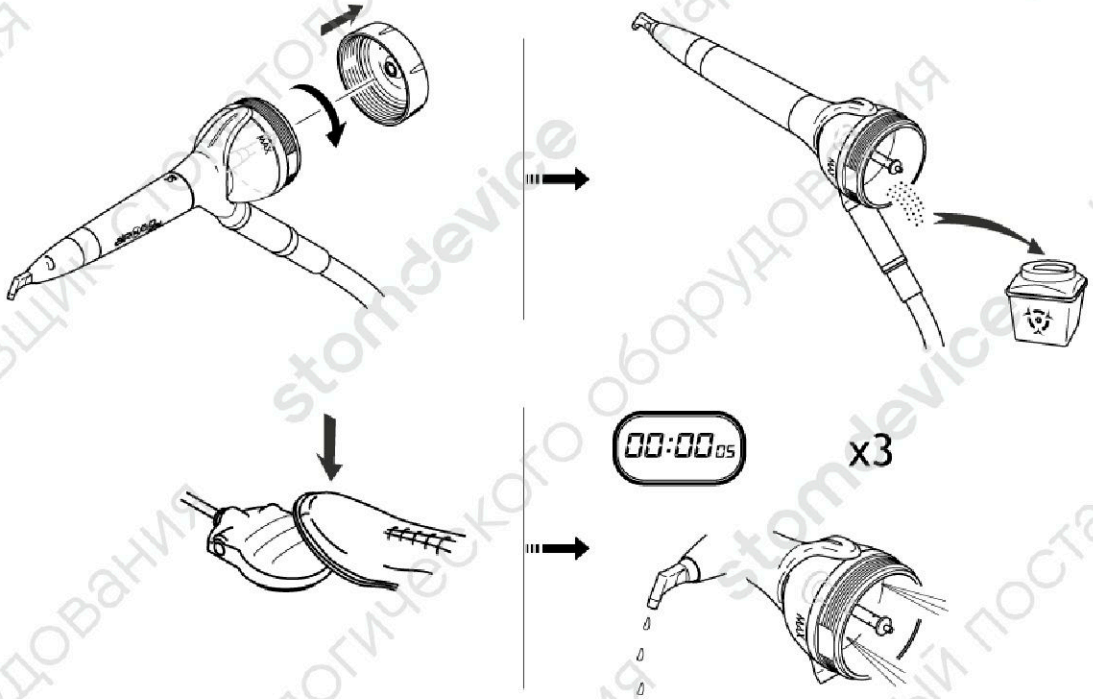
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7.3 Cleaning the air circuit

The tank must be cleaned each time the AIR-N-GO® easy is used.

1. Unscrew the lid from the tank;
2. Pour any remaining powder into an infectious clinical waste container;
3. Actuate the air without the lid on the tank until the tank's inside walls are completely dry;
4. Wipe the inside walls of the tank with a dry, lint-free cloth.



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

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7.4 Performing preventive cleaning

Preventive cleaning must be carried out each time the AIR-N-GO® easy is used.

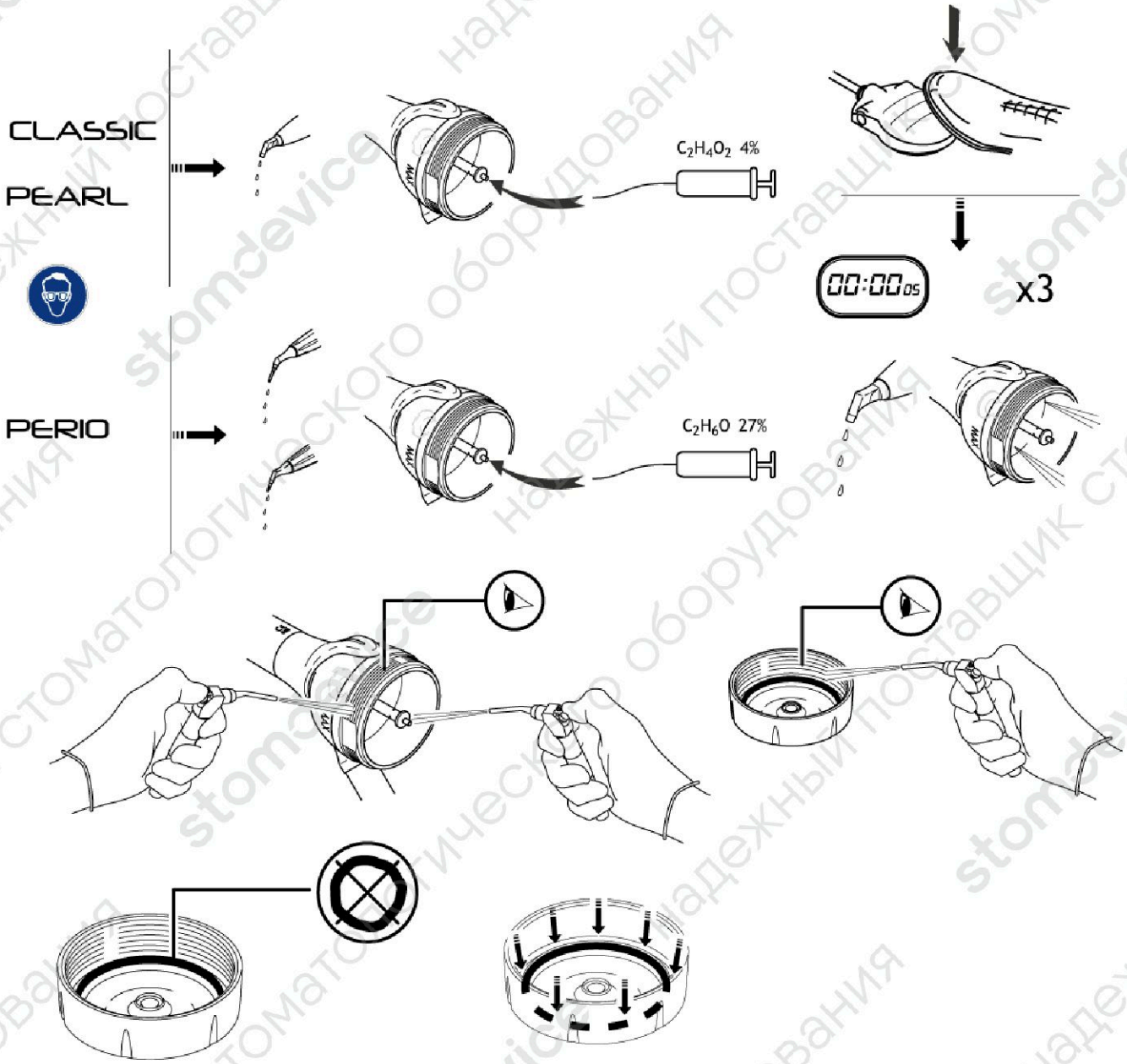
> Wear safety goggles.

> Devices that use bicarbonate of soda and calcium carbonate powders are cleaned with a 4% acetic acid aqueous solution such as $C_2H_4O_2$ molecular formula spirit vinegar or diluted lemon juice.

> Devices that use glycine powders are cleaned with a C_2H_6O formula 27% ethanol aqueous solution such as green Listérine®.

1. Fill the syringe with liquid compatible with the cleaning powder;
2. Inject the liquid into the metallic shaft of the AIR-N-GO® easy from the opening at the tank;
3. Inject as much as required until the liquid starts to drip from the nozzle;
4. Wait until all the liquid has run out;
5. Clean the AIR-N-GO® easy air circuit until the tank's inside walls are completely dry;
6. Dry the metallic shaft using the multi-purpose syringe air function;
7. Using the multi-purpose syringe air function, clean the tank threads, the tank lid threads and under the tank lid O-ring;
8. Check the tank lid O-ring and make sure that it is correctly reinstalled.

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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.

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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 Customer Service Team at SATELEC®.

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 will need to be sent away for repair.

8.1 Not working

Symptoms: The air polisher does not work.

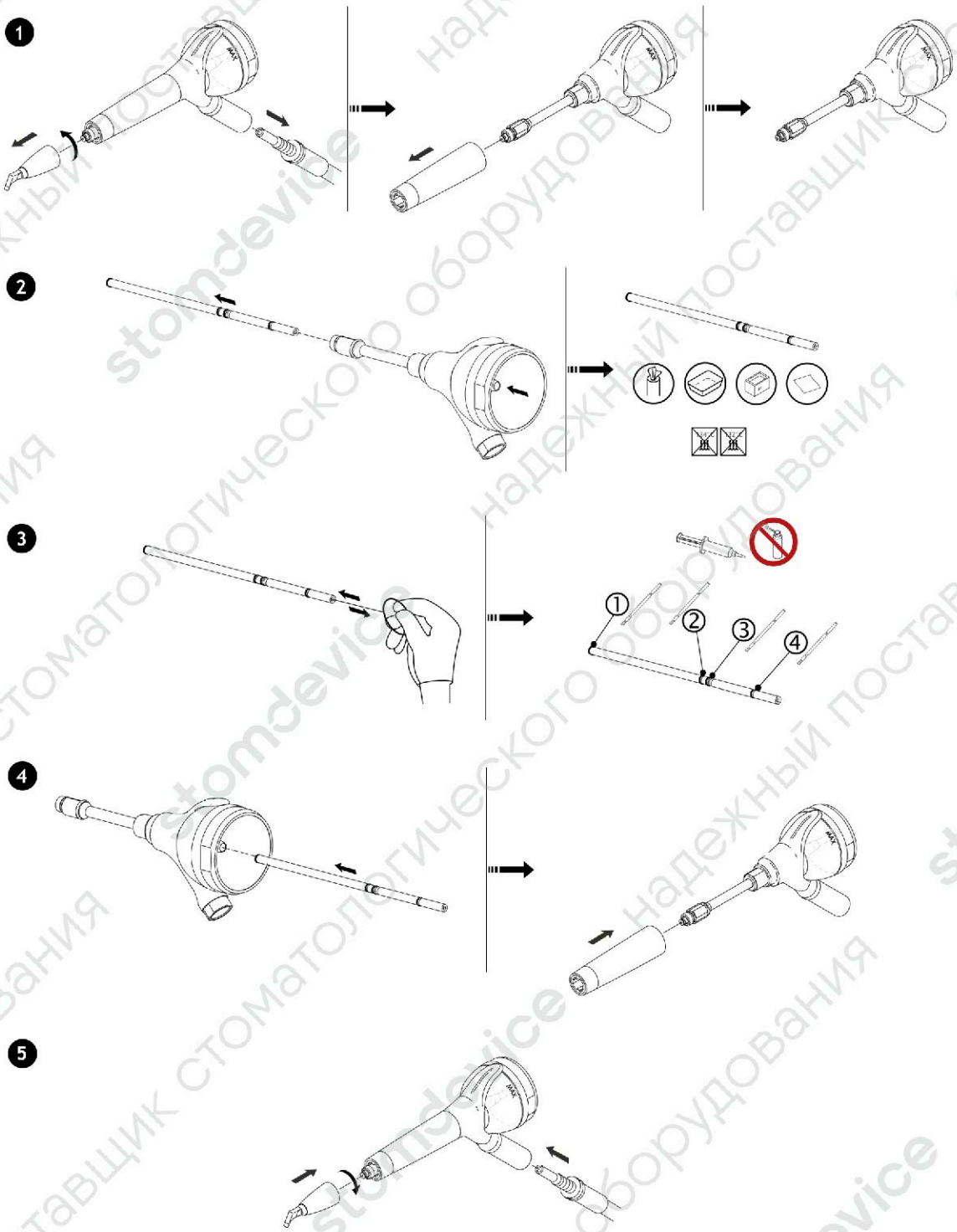
Possible causes	Solutions
The chair is not supplying any air or water	• Disconnect the AIR-N-GO® easy from the quick coupling; • Press the chair's footswitch; • Check that air is coming out of the quick coupling; • Check that water is coming out of the quick coupling. If neither air nor water or if only air or only water is coming out of the chair, the malfunction is with the dental chair. If air and water are coming out of the chair, refer to the procedure in the chapter *No spray page 21*.

8.2 No spray

Symptoms: The air polisher is not producing any spray.

Possible causes	Solutions
The chair is not supplying any air or water	Refer to the procedure in the chapter *Not working page 21*.
The nozzle is blocked	• Immerse the nozzle in a solution that is compatible with the powder used; • Place the nozzle in its solution in the ultrasonic tank for at least 10 minutes; • Remove the nozzle and tap it on a cloth to remove any remaining particles; • Without rinsing it, screw the nozzle back onto the handpiece; • Connect the handpiece to the quick coupling with the tank empty and clean; • Actuate the handpiece and test it. If there is still a blockage, contact the SATELEC® Customer Services Team If the AIR-N-GO® easy works, unscrew the nozzle and rinse it under water, then screw the nozzle back onto the handpiece.
The irrigation flow is not adjusted	• Unscrew the lid from the tank; • Pour the powder into an infectious clinical waste container; • Adjust the irrigation flow to drop-by-drop; • Purge the air circuit; • Wipe the inside walls of the tank with a dry, lint-free cloth; • Pour the powder into the tank; • Screw the lid back onto the tank.
The AIR-N-GO® easy air duct is blocked	Follow the procedure below.

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8.3 Powder coming out of the tank

Symptoms: powder is coming out of the tank

Possible causes	Solutions
The tank lid is not screwed on properly	Screw the lid tightly onto the tank.

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Possible causes	Solutions
The lid O-ring is incorrectly positioned There are traces of powder under the lid O-ring The lid O-ring is defective The tank is cracked	• Unscrew the lid from the tank; • Pour the powder into an infectious clinical waste container; • Remove and inspect the lid O-ring; • Using the multi-purpose syringe air function, blow to clean the lid threads; • Install the lid O-ring; • Fill the tank up to the indicated limit with the powder required for the treatment to be performed; • Screw the lid back onto the tank.

8.4 Water in the powder tank

Symptoms: drops of water appear in the powder tank.

Possible causes	Solutions
The tank wasn't dry when the powder for poured in	• Unscrew the lid from the tank; • Pour the powder into an infectious clinical waste container; • Purge the air circuit at least three times for five seconds; • Dry the air circuit using the multi-purpose syringe air function; • Wipe the inside walls of the tank; • Fill the tank to the indicated limit with the powder required for the treatment to be performed; • Screw the lid back onto the tank.
The quick coupling O-ring is defective	The malfunction is with the dental chair. Contact a technician.
There is water in your compressor	Contact a technician to check your compressor.

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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 adapter
Height	70 mm - 95 mm depending on adapter
Diameter	46 mm max
Weight	114 g - 155 g depending on adapter

9.3 Irrigation

Intake water pressure	5 bars max
Recommended water output flow at the nozzle tip	15 ml/min to ± 5 ml/min

9.4 Air

Intake air pressure	Static 3 bar - 4 bar

9.5 Environmental characteristics

Operating temperature	+5°C to +25°C
Storage temperature	+5°C to +25°C
Storage temperature for air polishing powders	+5°C to +25°C
Operating humidity	30% to 70%
Storage humidity	5% to 75%, including condensation
Atmospheric storage pressure	500 hPa to 1060 hPa
Maximum operating altitude	Less than 2000 metres

9.6 Environmental restrictions

Usage premises	Usable in all medical premises. The medical device must not be used in an operating theatre or outside.
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 anaesthetic gases.
Immersion	The medical device must not be immersed

9.7 Main performance characteristics

- pressure / air flow;
- pressure / water flow;
- SATELEC® abrasive dental powder with a controlled grain size.

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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

Class of medical device: IIa according to 93/42/EEC directive

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 are fitted with an implantable device
	Sterilisation at 134°C in an autoclave
	Sterilisation at 132°C in an autoclave
	Washer-disinfector for thermal disinfection
	Ultrasonic bath
	EC marking

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10.4 Manufacturer identification

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CE 0459
CE Marking

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11 Glossary

A

Adapter
part used to connect the AIR-N-Go easy directly to the quick coupling on the dental chair.

C

C2H4O2
an acetic acid molecular formula used to service devices used with bicarbonate of soda or calcium carbonate powders.

C2H6O
an ethanol molecular formula used to service devices used with glycine powders.

Classic Powder
air polishing powder containing bicarbonate of soda and available in different flavours

H

Hygroscopic
describes a body which has affinities with water, which causes condensation and which has the ability to absorb moisture from the air.

I

Infectious clinical waste container
container designed for the disposal of waste created during the treatment of patients and that presents a risk of infection or contamination for humans and the environment. The contents of this container are disposed of by specialists and must never be disposed of with normal household waste.

L

Listérine®
Listérine® is a patented Pfizer company brand.

P

Pearl Powder
air polishing powder containing calcium carbonate

Perio Powder
air polishing powder containing glycine

Powder
air polishing powder manufactured by Satelec. The ingredients vary depending on the target treatment.

Q

Quick coupling
coupling to which the turbine is connected. Depending on the dental chair and the manufacturer. Connects to the AIR-N-GO easy adapter.

T

Tank
clear tank that is part of the AIR-N-GO easy body. Has a maximum fill line to ensure correct operation (MAX). Also called a container.

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12 Index

2

27% ethanol 17, 20

4

4% acid solution 19

A

After installation 13
alcohol disinfection wipe 15
Altitude 25
approved dealers 7

C

cleaning probe 11
cleaning the irrigation system 13
contamination 15

D

damage 17
drop-by-drop 13

E

electronic 5
electronic user instructions 5
end of day 13
European directive 27

F

fault 17
first inclusion of EC marking 7
first use 13

G

gas-filled atmosphere 25
general instructions relating to the complete range of ultrasonic dental generators 3

I

incorrect operation 21
infectious clinical waste container 18
irrigation flow 12

M

Manufacturer 25
MAX 13
Medical class 27

N

non-use 13
nozzle 7

O

O-ring maintenance 5
O-rings 11, 17

P

Perio easy nozzle 12
Perio Maintenance nozzle 12

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Perio nozzle 12
polishing powder 7
Pressure 25
prophylactic treatments 7

Q

Quick Clean 3
Quick Start 3

R

repair 7
repairer 7

S

servicing and maintenance equipment 11
silicone grease 17
sterilisation bags 16
supra- and subgingival 7
Supra 120° nozzle 12
syringe 11, 16

T

Temperature 25
tests 12

U

update 7
User Manual 3

V

vacuum steam autoclave steriliser 16

W

washer-disinfector 16

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