English

Owner's Manual

CE



Syncrus POP Dental Chair

Code: 300051270 Rev. 04

GNATUS[©]

PRESENTATION OF MANUAL

INSTRUCTIONS FOR USE

Technical Name: Dental Chair

Brand: Gnatus

Trade Name: Syncrus POP Dental Chair

Manufacturer/ Distribuitor:

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ATTENTION

For greater safety:

Read and understand all the instructions contained in these Instructions for Use before installing or operating this Equipment.

Note: These Instructions for Use must be read by all the operators of this Equipment.



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DESCRIPTION OF THE EQUIPMENT

Dear Customer

Congratulations. You have made a good choice when you decided to buy a GNATUS QUALITY product comparable to the best products available in the World. This manual is a general presentation of your product and it will give you important details to help you to solve possible problems.

Please, read it and keep this with you.

Identification

Technical Name Dental Chair

Trade Name: Syncrus POP Dental Chair

Brand: GNATUS

Purpose of the equipment

Chair for patient accommodation during dental treatment.



DESCRIPTION OF THE EQUIPMENT

Description of Equipment

Dental chair for patients during dental treatment, ambidextrous (for right-handers and left-handers) with automatic movements, activated by a motor reducer using direct current. Activation by means of multifunctional foot control, which activates the dental light, moves the backrest and seat and returns to zero. Power input cable (optional item).

Bold design, with rounded lines, looking modern and harmonious. Spacious, curved backrest, which as well as providing comfort to the patient, allows easier access for the dental surgeon.

Base made of steel, with 4 holes for fastening to the floor.

Structure of the unit made of dense steel, with surface treatment using nanotechnology, coated with smooth, highly shiny resistant material, with rounded edges.

Highly shiny smooth paint with an epoxy base, polymerized in an oven at 250°C, resistant to corrosion and cleaning materials.

Anatomic headrest, with height adjustment. Optional neck rest, providing the patient with greater comfort.

Support of the fixed arm with a rounded finishing, planned to facilitate access to the patient and increase the professional's productivity, dispense with movement, and facilitate cleaning and disinfection (optional right arm).

Large upholstery, with lumbar support, assembled on a rigid structure covered with highly resistant injected polyurethane, covered with laminated, seamless material.

ISO 9001/2000 and ISO 13485/2003 Quality System, assuryng the products are manufactured under standart procedures.

Products manufactured in agreement with RDC-59 - ANVISA (Sanitary Surveillance National Agency) with guarantees accomplishment to the sanitary legislation according to BPF (Good Manufacturing Procedures). In order to comply with directive 93/42/EEC for CE Mark purpose, it is defined that the life span of this product is estimated in 05 years provided that the enduser follows the requirements and instructions of this manual.

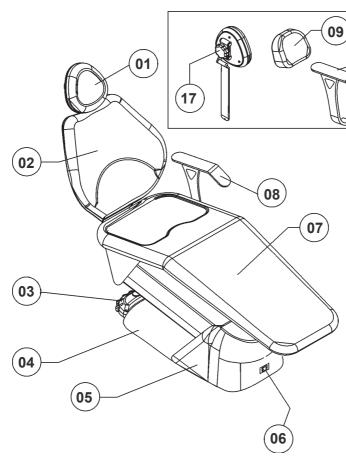
IMPORTANT:

- This equipment is for dental use use only. It must be operated and utilized by specialized professional (certified professional, according to the legislation of the country) and following the instructions of the manual. The operation of the equipment required, for the professional, the utilization of correct instruments and it should to be in perfect conditions of the use, and to protect the professional, the patients and others, in the eventual danger situation.
- This equipment can't be used in the presence of inflammable anesthetics or products that may cause explosion.
- After finish life-cycle of the equipment, this equipment is throw way, so it should to be destroye in appropriate area (according to the legislation of the country).
- To guarantee the safe functioning of your equipment, use only the assemble configurations (Dental Chair, Dental and Water Units and Dental Light) supplied by Gnatus authorized Dealers / Technical Assistance.

Indication of Equipment

This equipment is for dental use use only. It must be operated and utilized by specialized professional (certified professional, according to the legislation of the country) and following the instructions of the manual. The operation of the equipment required, for the professional, the utilization of correct instruments and it should to be in perfect conditions of the use, and to protect the professional, the patients and others, in the eventual danger situation.

MODULES, ACCESSORIES, OPTIONS AND MATERIALS OF CONSUMPTION



Drawing illustrates the equipment with all the optional items. Your delivery unit will only be composed of the items chosen during your purchase option. The contents of this page are of an informative nature, the equipment being able to differ from that illustrated. So, upon acquiring the product check the technical compatibilty between equipment, coupling and accessories.



WARNING: For the chair with integrated connection box is recommended to fix the base of the chair to the floor, as oriented under the item "Installation" of this guide.

- 01 Headrest
- 02 Chest rest
- 03 Foot control
- 04 Base
- 05 Finishing cover of the motor
- 06 On/Off switch

- 07 Seat
- 08 Fixed left armo
- 09 Neck rest *
- 10 Fixed right arm *
- 17 Headreast double swivel *

* Optional



General

General
Classification of Equipment:
According to norm NBR IEC 60601-1
Supply voltage
127/220 V~ Selecionable
Frequency
50/60 Hz
Electric shock protection type
Class one equipment
Degree of protection against electric shock
B type
Mode of Operation
Continuous with intermittent load: T-on 1min T-off 4min.
Water leak protection
IPX0 – All the chair, excepting foot control
IPX1 – foot control
Power
200VA
Protection fuses
F1 and F2 5A - Time-lag
Rising capacity
200 Kg
Delivery unit tray's maximum load capacity
Syncrus line HS - 1 Kg
Syncrus lines LS and S - 2 Kg
Net Weight
104 Kg
Gross Weight
137.3 Kg

Chair for left and right-handed dentists use

Chair was designed for easy installation for left and right handed users, without losing its features.

When the Gnatus authorized technician installs the equipment, tell him whether position you want, and he will make the necessary adjustments.

Current surge protection

Equipment is protected from current surge by 2 fuses of 5 amperes each and it also features internal current surge protection for equipment attached to chair.

Standards applied:

NBR 60601-1:1997 - Equipamento Eletromédico- Parte 1: Prescrições gerais para segurança; NBR ISO 6875:1998 - Equipamento odontológico - Cadeira odontológica de paciente; NBR ISO 14971:2004 - Medical devices - application of risk management medical devices; NBR ISO 9687: 2005 - Dental equipment - graphical symbols; EN ISO 13485-2003 - Quality systems - medical devices; IEC 60601-1-2:2007 - Compatibilidade Eletromagnética.

List of pieces and circuit scheme

Gnatus Company declares that the supply of the circuit scheme, list of pieces or any other information that propitiate technical attendance for the user, can be request if there is an agreement between the user and Gnatus Company.



The materials used to produce the equipment are Biocompatible.



Electromagnetic emissions

Recommended distances between portable and mobile RF communication equipments and the syncrus POP dental chair

The syncrus POP dental chair is made to be used in an electromagnetic environment in which RF disturbances are controlled. The client or the user of the syncrus POP dental chair may help preventing electromagnetic interference by keeping a minimal distance between mobile and portable RF communication equipment (transmitters) and the syncrus POP dental chair, as recommended below, in accordance with the maximal voltage output of the communication equipment.

Transmitter Maximum	Separation distance according to transmitter frequency (M)			
Output (W)	150 kHz to 80 Mhz d= 1,2√p	80 kHz to 800° Mhz d= 1,2√p	800 kHz to 2,5° GHz d= 2,3√p	
0,01	0,12	0,12	0,23	
0,1	0,38	0,38	0,73	
1	1,2	1,2	2,3	
10	3,8	3,8	7,3	
100	12	12	23	

For transmitters with a maximum nominal output power not listed above, the recommended d separation distance in meters (M) can be determined using an equation applicable to the frequency of the transmitter, where P is the transmitter maximum nominal output in watts (W) according to the transmitter manufacturer.

NOTE 1 At 80 MHz and 800 MHz, is applied the separation distance for the higher frequency range.

NOTE 2 These guidelines may not apply to all situations. The absorption and reflection from structures, objects and people affect the electromagnetic propagation.



Use of different cables, transducers and accessories from those specified may result in increased emissions or decreased immunity of the equipment.

Electromagnetic emissions

Guidelines and manufacturer's declaration - electromagnetic immunity

The syncrus POP dental chair is made to be used in the electromagnetic environments specified below. The client or the user of the syncrus POP dental chair must be sure that it is used in such environment.

Immunity	ABNT test level	Level of compliance	Electromagnetic Environment
test	NBR IEC 60601		Directives
RF conducted IEC 61000-4-6 RF radiated IEC 61000-4-3	3 vrms 150 kHz up to 80 MHz 3 V/m 88 MHz up to 2,5 GHz	3 Vrms 3 V/m	It is advisable that portable and mobile RF communication equipment is not used near any part of the equipment, including cables, with a separation distance less than the one recommended, calculated from the equation applicable to the frequency of the transmitter. Recommended separation distance: d = 1,2√P d = 1,2√P 80 MHz thru 800MHz d = 2,3√P 800 MHz thru 2,5MHz Where P is the nominal maximum power of output of the transmitter in watts (W), as per the manufacturer of the transmitter; and d is the recommended separation distance in meters (m). It is advisable that the fiel intensity from the RF, transmitter as determined by means of electric inspection on-site, a is less than the level of compliance in each frequancy range b. There may be interference near the equipment marked with the following symbol:

NOTE 1 At 80MHz and 800MHz, the highest frequency range applies.

NOTE 2 These directives may not be applicable in every situation. The electromagnetic transmission is affected by the absorption and reflection of structures, objects and people.

^a The field intensities set by the fixed transmitters, such as radio base stations, telephones (mobile phone, wireless) land mobile radio, amateur radio, AM and FM radio transmissions and TV transmissions can not be predicted with accuracy. Due to the RF fixed transmitters is recommended to install an electromagnetic inspection at the local in order to evaluate the electromagnetic environment. If at the place where the equipment is be using the field intensity level exceeds the conformity level for the RF above, is recommended to observe if the operations are normal. Whether abnormal operations are observed, additional procedures shall be necessary such as reorientation or replace the equipment.

b Whether above the frequency range of 150kHz to 80 MHz is recommended a field intensity below than 3 V/m.



Electromagnetic emissions

Guidelines and manufacturer's declaration - electromagnetic immunity

The syncrus POP dental chair is made to be used in the electromagnetic environments specified below. The client or the user of the syncrus POP dental chair must be sure that it is used in such environment.

Immunity test	ABNT Test level NBR IEC 60601	Level of compliance	Electromagnetic environment Directives
Electrostatic discharge(ESD) IEC 6100-4-2	± 6 kV Contact ± 8 kV Air	± 6 kV Contact ± 8 kV Air	Floors should be wooden, concrete or ceramic. If the floor is covered with synthetic material, the relative humidity should be at least 30%
Quick electric transitory phases / train of pulses ("Burst") IEC 61000-4-4	± 2 kV in power supply lines ± 1 kV in input / output lines	± 2 kV in power supply lines ± 1 kV in input / output lines	It is advisable that the quality of the power supply should be that of hospital or typical commercial environment
Surges IEC 61000-4-5	± 1 kV lines (s) to lines (s) ± 2kV lines (s) to ground	± 1 kV lines (s) to lines (s) ± 2kV lines (s) to ground	It is advisable that the quality of the power supply should be that of hospital or typical commercial environment
Reduction, interruption and variance of voltage in power supply input lines IEC 61000-4-11	< 5% <i>U</i> t (>95% drop in <i>U</i> t) for 0,5 cycle 40% <i>U</i> t (60% drop in <i>U</i> t) for 5 cycles 70% <i>U</i> t (30% drop in <i>U</i> t) for 25 cycles < 5% <i>U</i> t (>95% drop in <i>U</i> t) for 5s	< 5% <i>U</i> t (>95% drop in <i>U</i> t) for 0,5 cycles 40% <i>U</i> t (60% drop in <i>U</i> t) for 5 cycles 70% <i>U</i> t (30% drop in <i>U</i> t) for 25 cycles < 5% <i>U</i> t (>95% drop in <i>U</i> t) for 5s	The recommended power supply quality is the same as used for commercial or hospital environment. If is required a continuous use during energy supply outages, it is recommended that the equipment be feed by an uninterruptible power supply or a battery.
Magnetic field in frequency of power supply (50/60Hz) IEC 61000-4-8	3 A/m	0,3 A/m	If an image distortion occurs, may be necessary place the equioment far from the supply frequency or to installa magnetic armour. The frequency magnetic field shall be measured at the installment place to assure that it is low enough.
NOTE U t is the a.c. power supply voltage before the application of the test level			

Electromagnetic emissions

Eletromagnetic emissions

The syncrus POP dental chair is made to be used in the electromagnetic environments specified below. The client or the user of the syncrus POP dental chair must be sure that it is used in such environment.

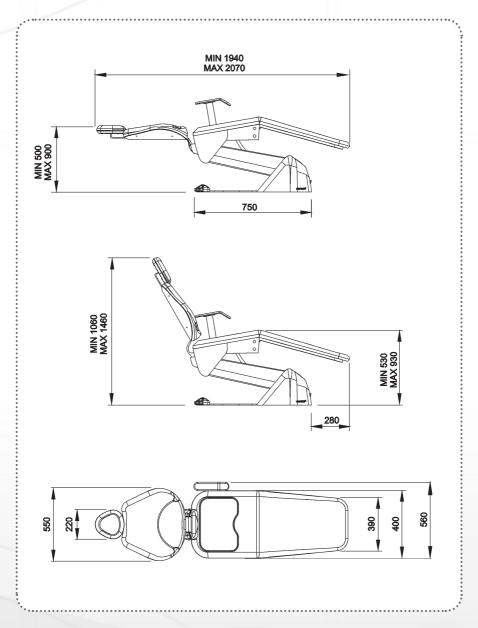
Emission test	Compliance	Eletromagnetic environment - Guide
RF emissions ABNT NBR IEC CISPR 11	Group 1	This equipment uses RF energy only for internal functions. However, its emissions are too low and it's unlikely to cause any interference in the equipments next to it.
RF emissions ABNT NBR IEC CISPR 11	Class B	This equipment is proper to be used in all establishments; including domestic
Emissions of harmonics IEC 61000-3-2	Class A	settings and those directly connect to a public low voltage distribution which feeds domestic buildings.
Fluctuation of Voltage / Emissions of flicker IEC 61000-3-3	As per	

Content of accessible and non-accessible demarcations





Dimensions (mm)



Packing symbols



It determines the maximum quantity of boxes which can be stacked during transportation and storage "as per packaging".



Packing to be transported and / or stored avoiding humidity, rains and wet floor.



Packing to be transported and / or stored with the harrows up.



The packing must be stored and transported away from direct sun light exposure.



Packing to be transported and / or stored with care (should not suffer drop and neither receive impact).



Temperature limit for thepacking to be stored or transported.

Product symbols



Careful: It indicates an important instruction for the operation of the product. Not following it can cause dangerous malfunctioning.



Turned on position.



Turned off position.



Note: I t indi cates useful information for operation of the product.



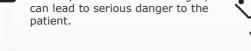
B type equipment



Important: It indicates an instruction of safety for operation of the product. Not following it, can lead to serious danger to the patient.



Lift seat





Lower seat.



Grounding (at several points of the equipment) indicates the condition of being grounded.



Lift backrest.



It determines to spitting position / last position.



Lower backrest.



Product symbols



It determines the initial position.



Activation of the dental light



Authorized representative in the European Community



Warning - Consult the manual

INSTALLATION OF EQUIPMENT



The installation of this equipment requires specialized technical assistance (Gnatus).



OBS: These information also make part of the Manual of Installation and Maintenance of the equipment that can be found with the authorized Gnatus technician.



For your safety, the Dental Chair leaves the factory positioned at 220V~, so ensure that your network is compatible before turning it on. If it is 127V~, request the presence of an authorized GNATUS technician.

- The equipment should only be installed by Gnatus authorized technical assistance or technicians.
- The bad use, negligence or maintenance not made by technician authorized by the maker, will imply in the loss of the warranty.

INSTALLATION OF EQUIPMENT

IMPORTANT:





The Gnatus dental set is dimensioned so that the stability of the set composed of a Dental Chair, Delivery Unit, Dental Light and Water Unit remains stable in normal conditions of use. If, by option of the customer, it is necessary to install other accessories in the dental set, Gnatus informs you that the evaluation of the stability is the customer's responsibility, and suggests that in this case the base of the dental chair is fastened to the floor by means of the holes already furnished in its base. This means that the added weight does not jeopardize the stability of the set.

How to fix the dental chair base to the floor

This dental chair must be fixed to the floor thru 04 screws and bushing that its along with the product.

In order to fix, first mark the floor and after drill $\,$ ø 10mm, adjust the 4 bushings S10 in the hole, and $\,$ place the chair on the top of the holes and fix it with the 04 screws.

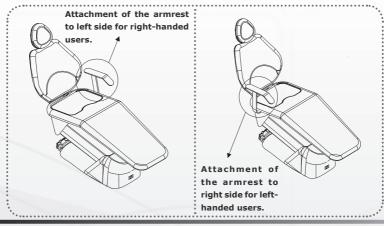


Armrest attachment

This Syncrus dental chair is shipped from factory with a fixed armrest.

For right-handed users, install the armrest in the chair's left side; for left-handed users, install the armrest in the right side of the chair, as shown in the picture below.

Optional second armrest is available for sale.

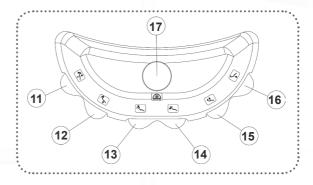




OPERATION

Foot control operation

- 11 Working position 1, 2, and 3.
- 12 Initial position.
- 13 Lift backrest.
- 14 Lower backrest.
- 15 Lift seat.
- 16 Lower seat.
- 17 Activation of Dental Light



Reflector Activation

To turn the reflector on press the button (17), to modify the light, hold it, the brightness will ncrease or decrease gradually, according to the specifications of the reflector (See the owner's reflector manual). To turn it off, press the button (17) again.

Working positions

The Syncrus chair has three programmable working positions. To schedule them just put the eat in position and the reflector in the desired intensity and keep the pedal button (11) pressed, the chair will beep then two consecutive beeps and then three consecutive beeps entering in a cycle, release the button after the number of consecutive beeps regarding the working position you want to program.

To select the first working position touch the pedal button (11), for the second position touch twice and for the third position touch three times.

- 1 beep = 1st working position
- 2 beeps = 2nd working position
- 3 beeps = 3rd working position

ATTENTION:

After pressing the "initial position" (12), any other operation will trigger the "Stop".

Headrest

To adjust height just move it vertically.

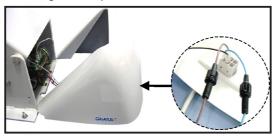


OPERATION

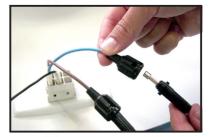
Replacing the fuse



 ${\bf A}$ – Turn off the main switch of the dental chair and remove the protective cover loosening the straps.



B - Locate the 2 fuse holders.



C - Turn the fuse holder in a counterclockwise direction, remove the fuse and replace it.

NOTE:

It is advisable to always have a reserve fuse at hand (5A).



PRECAUTIONS, RESTRICTIONS AND WARNINGS

Transportation, storage and operation

This equipment must be transported and stored observing the following directions:

- Avoid falls and impacts;
- Keep it dry, do not expose it to rain, water drops or wet floor;
- Keep it away from water and direct sunlight, and in it original wrapping;
- Don't move it over irregular surfaces, protect it from rain and observe the maximum stack quantity specified in the packaging;
- Transportation and storage temperature range: -12°C to 50°C.
- Ambient temperature range recommended by Gnatus +10 ° C to +35 ° C.

ATTENTION: The equipment should only be used with power input cable supplied by Gnatus. Otherwise, it may cause an increase in the emissions of reduction in the immunity of the equipment.



The Equipment maintains its condition of safety and efficacy, provided that it is maintained (stored) as mentioned in this instruction of use. Thus, the equipment will not lose or alter its physical and dimensional features.

Sensitivity to environmental conditions in normal situations of use

The equipment has been planned not to be sensitive to interference such as magnetic fields, external electrical factors, electrostatic discharge, pressure or variance of pressure, provided that the equipment is installed, maintained, clean, preserved, transported and operated as per this instruction for use.

Precautions and warnings "during the installation" of quipment

- The equipment should only be installed by Gnatus authorized technical assistance or technicians.
- Check that the socket in which the device will be connected has a ground connection. According to the ABNT standard, this is essential for the safe operation of the system;
 - Position the unit in a place where it will not get wet.
- Install the unit in a place where it will not be damaged by the pressure, temperature, humidity, direct sunlight, dust, salts.
- The unit should not be submitted to inclination, excessive vibrations, or blows (including during transportation and handling).
- This equipment was not planned for use in an environment where vapors, anesthetic mixtures infl ammable with air, or oxygen and nitrous oxide can be detected.
 - Check the voltage of the equipment at the moment of executing the electrical installation.
 - The equipment must be grounded correctly.
- Before the fi rst use and/or after long interruptions from work such as vacations, clean and disinfect the equipment.



These information also make part of the Manual of Installation and Maintenance of the equipment that can be found with the authorized Gnatus technician.

PRECAUTIONS, RESTRICTIONS AND WARNINGS

Recommendations for the dental equipment maintenance

Your Gnatus equipment has been designed and developed according to the standards of modern technology. Similarly to other kinds of equipment, it requires special care, which is many times neglected due to several reasons and circumstances.

Therefore, here are some important reminders for your daily routine. Try to follow these simple rules, which will save you a lot of time and will avoid unnecessary expenses once they start making part of your working procedure.

Precautions and warnings "during the use" of equipment

- The equipment should only be operated by duly enabled and trained technicians (Dental Surgeons, Capacitated Professionals)
- If any maintenance should be required, only use services of the Gnatus Authorized Technical Assistance.
- The equipment has been manufactured to handle both continuous and intermittent operation; so follow the cycles described in these Instructions for Use.
- Although this equipment has been planned in accordance with the standards of electromagnetic compatibility, it can, in very extreme conditions, cause interference with other equipment. Do not use this equipment together with other devices very sensitive to interference or with devices which create high electromagnetic disturbance.
- Do not expose the plastic parts to contact with chemical substances, use in the routines of dental treatment, such as: acids, mercury, acrylic liquids, amalgams, etc.
- When moving the chair, never get it for the part of the support of the legs, lift it for the structure in the area of the seat.

Gnatus shall not be responsible for:

- Use of the equipment differing from that for which it is intended.
- Damages caused to the equipment, the professional and/or the patient by the incorrect installation and erroneous procedures of maintenance, differing from those described in these Instructions for use which come with the equipment or by the incorrect operation of it.

Precautions and warnings "after" the use of equipment

- Turn off the main switch of the dental set when it is not in use for an extended period of time.
 - Always maintain the equipment clean for the next operation.
- Do not modify any part of the equipment. Do not disconnect the cable or other connections without need.
- After using the equipment, clean and disinfect all the parts which may be in contact with the patient.



PRECAUTIONS, RESTRICTIONS AND WARNINGS

Precautions and warnings during the "cleaning and disinfection" of equipment

- Before cleaning the equipment, turn off the main switch.
- Avoid spilling water, even accidentally, or other liquids inside the equipment, which could cause short circuits.

Care for the cleaning of (laminated PVC "courvin" or leather) Upholstery:

- Never use any type of alcohol, microabrasive material, detergents containing solvents such as ether or stain remover for cleaning of upholstery, because it may cause stains.

Procedure for cleaning of laminated PVC (courvin) upholstery:

- We recommend using the product BactSpray (manufactured by AEROPAC INDUSTRIAL LTDA and distributed by DCMA produtos médicos odontológicos LTDA) or a damp cloth with a mild soap.

Procedure for cleaning of leather upholstery:

- For cleansing and moisturizing of the leather upholstery, we recommend the use of exclusive products for this purpose.
- Never soak or scrub forcefully the leather. If dirt falls on the leather staining it, clean it immediately with a damp cloth with a mild soap.

Precautions in case of alteration in the functioning of equipment

- If the equipment has any abnormality, check if the problem is related to any item listed in the topic of unforeseen events (failures, causes and solutions). If it is not possible to resolve the problem, turn off the equipment, remove the power supply cable from the socket and contact your representative (Gnatus).

Precautions to be adopted against foreseeable or uncommon risks, related to the deactivation and abandoning of equipment

In order to avoid environmental contamination or undue use of the Equipment after it has become useless, it should be discarded in the suitable place (as per the local legislation of the country).

- Pay attention to the local legislation of the country for the conditions of installation and disposal of residue.

CORRECTIVE AND PREVENTIVE MAINTENANCE AND PRESERVATION

Additional procedures for reuse

The equipment can be reused in undetermined, i.e. unlimited, quantities, only needing to be cleaned and disinfected.

Cleaning

Important: In order to execute cleaning or any type of maintenance, ensure that the equipment is disconnected from the electrical network.



The cleaning procedure below should be executed at the start of the working day and after each patient.

Always turn off the main switch before executing the procedures of daily maintenance.

To clean the equipment, we recommend the use of "BactSpray (Reg no MS: 3.2079.0041.001-5) or any other similar product:

Active component: Benzalkonium chloride (tri-quaternary ammonium)

Solution 50%...... 0.329%

Chemical composition: Butyl Glycol, Decyl polyglucose, Sodium Benzoate, Sodium Nitrate, Essence, Deodorized Propane / Butane, demineralized Water.

For more information concerning cleaning procedures, see manufacturer's instructions.

WARNING:

- In order to prevent risks and damages to equipment, make sure that the liquid does not enter into the unit.
- The application of other solvent-based cleaning products or sodium hypochloride isn't recommended, because they may damage the equipment.





NOTE: The registration at the Ministry of Health of the "BactSpray" is executed separately from the product described in this manual, as the "BactSpray" is not manufactured by Gnatus.

Disinfection

- Use clean and soft cloth dampened in alcohol 70% to disinfection of the equipment. **(EXCEPT FOR UPHOLSTERY)**
 - Never use corrosive disinfectants or solvents.



Note: Use gloves and other systems of protection, during the disinfection.



CORRECTIVE AND PREVENTIVE MAINTENANCE AND **PRESERVATION**

Preventive Maintenance

The equipment should be calibrated routinely, as per the legislation in force in the country. But never with a period exceeding 3 years.

In order to protect your equipment, seek Gnatus technical assistance for periodic revisions of preventive maintenance.

Corrective Maintenance

If the equipment has any abnormality, check if the problem is related to any of the items listed in the item Unforeseen Events (situation, cause and solution).

If it is not possible to solve the problem, turn off the equipment, and request Gnatus technical assistance.

UNFORESEEN EVENTS - SOLUTION OF PROBLEMS

riangle Upon coming across any problem in operation, follow the instructions below to check and repair the problem, and/or get in touch with your representative.

Problem	Probable Cause	Solution
-Chair is not working.	- Plug disconnected from socket.	- Connect plug to socket.
	- Power cut.	- Wait until power is back.
	- Main switch is off.	- Switch the main switch on.
	- Burned fuse(s).	- Replace fuse(s)

Owner's Manual - Syncrus POP Dental Chair

WARRANTY OF EQUIPMENT

This equipment is covered by the warranty terms counting from the date of installation, as specifi ed below; provided that the defect has occurred in normal conditions of use and that the equipment has not remained stored for more than 06 months counting from the issue date of the sales document until the date of the actual installation.

- WARRANTY TERMS: Verify the guarantee certificate;
- LOSS OF THE WARRANTY:
- A) Attempt to repair using an inadequate tool or by unauthorized technicians;
- B) Installation of the equipment by an unauthorized technician;
- C) Damage arising from inappropriate storage or signs of infringement;
- D) Incorrect use of the equipment:
- E) Use of a cleaning product not indicated by the factory;
- F) Falls or blows which the equipment may undergo or lack of observation of an compliance with the guidelines of the Owner's Manual, which was delivered with the present document, together with the equipment. Repair or replacement of parts during the warranty period shall not extend the validity term of their warranty.
- This warranty doe snot exempt the customer from paying the service charge for the visit and the travel expenses of the technician, except when the customer sends the equipment to execute the maintenance inside the establishment of the technical assistance. "Consumer Defense Code art. 50, unique paragraph".
- The Warranty Certifi cate comes with the product and must be filled in upon the date of installation by the Gnatus Authorized Technician.
 - Queries and information: GNATUS Help Desk (+55) 16 2102-5000.
 - Check the warranty term attached to this manual.

FINAL CONSIDERATIONS

The most important aspect related to equipment care is that concerning spare parts. To guarantee the life span of your equipment, use only original Gnatus spare parts.

They are sure to follow the technical specifications and standards required by Gnatus.

We must also point out to you our chain of authorized dealers. Only dealers that make part of this chain will be able to keep your equipment constantly new for they count on technical assistants who have been trained and on spedific tools for the correct maintenance of your equipment.

Doubts and information: GNATUS Call center (55-16) 2102-5000.







EC REP

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Fabricante/ Distribuidor: Manufacturer / Distributor:



Responsável Técnico / Technical Duties / Responsable Técnico Gilberto Henrique Canesin Nomelini – CREA-SP: 0600891412



EQUIPAMENTOS MÉDICO-ODONTOLÓGICOS LTDA.

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