

# MACHINERY

Compressors and Suction Macines



simple&smart

# Discover

Simple&Smart  
WORLDWIDE

We market our products **all over the world** guaranteeing professionalism, competence and technical assistance in a very short time. **Simplicity** has always been our strength. The whole range is totally dry and oil-free and guarantees clean air, **high performance and low maintenance**. Our attention to detail, the special treatment of the cylinders and the valve plates and the internal coating of the tanks are the quality mark that characterizes the entire range of S&S compressors.

Commercializziamo **in tutto il mondo** i nostri prodotti garantendo professionalità, competenza ed assistenza tecnica in tempi brevissimi. Da sempre la **semplicità** è il nostro punto di forza. L'intera gamma è totalmente a secco e priva di olio e garantisce aria pulita, **prestazioni elevate e bassa manutenzione**. La cura nei dettagli, lo speciale trattamento dei cilindri e delle piastre valvole, il rivestimento interno dei serbatoi sono il marchio di qualità che caratterizza l'intera gamma di compressori S&S.

Nous commercialisons nos produits **partout dans le monde**, garantissant professionnalisme, compétence et assistance technique dans des délais très courts. La **simplicité** a toujours été notre point fort. Toute la gamme est totalement sèche et sans huile et garantit un air pur, des **performances élevées et une maintenance réduite**. Notre souci du détail, tels que le traitement spécial des cylindres et des plaques à vannes et le revêtement interne des réservoirs sont le label de qualité qui caractérise toute la gamme des compresseurs S&S.

Comercializamos nuestros productos **en todo el mundo**, garantizando profesionalidad, competencia y asistencia técnica muy rápida. La **simplicidad** siempre ha sido nuestra fortaleza. Toda la gama es totalmente en seco y sin aceite, garantiza aire limpio, **alto rendimiento y bajo mantenimiento**. Nuestra atención al detalle, como el tratamiento especial de los cilindros y las placas de las válvulas y el revestimiento interno de los tanques son el sello de calidad que caracteriza a toda la gama de compresores S&S.



# Compressors

AIR\_PRO

AIR\_PLUS

AIR\_ECO

# Suction Motors

SMART\_POWER

SMART\_ECO

simple&smart

# AIR PRO\_

# AIR\_PRO

## Compressors

MADE IN ITALY

Floating piston compressors, dried and silenced. It is a basic line, economic but at the same time **highly reliable**: the ideal solution for a small study or laboratory. Availability of different fairings and soundproofing.

Compressori a pistone flottante, essiccati e silenziati. E' una linea base, economica ma allo stesso tempo **altamente affidabile**: la soluzione ideale per un piccolo studio o laboratorio. Disponibilità di differenti carenature ed insonorizzazioni.

Compresseurs à piston flottant, séchés et insonorisés. C'est une ligne de base, à la fois économique et **très fiable**: la solution idéale pour une petite cabinet dentaire ou un laboratoire. Disponibilité de différents carénages et insonorisation.

Compresores de pistones flotantes, en seco y silenciados. Es una línea básica, económica pero al mismo tiempo **altamente confiable**: la solución ideal para una pequeña clínica dental o laboratorio. Disponibilidad de diferentes carenados e insonorización.





	Code	Type	Kw	HP	Volt	Hz	Bar	L/min	L/min a 5 bar	Ltr	Units	dB (A)	Cm	Kg
AIR PRO ONE	SS.APR1	STANDARD	1.1	1.5	110/220	50/60	7	100	70	24	1	66	40x40x65	30
	SS.APR1.E	WITH DRIER - CON ESSICATORE - AVEC SECHEUSE - CON SECADOR	1.1	1.5	110/220	50/60	7	100	70	24	1	66	40x52x65	35
	SS.APR1.ES	SOUNDPROOF - INSONORIZZATO - INSONORISÉ - INSONORIZADO	1.1	1.5	110/220	50/60	7	100	70	24	1	62	76x67x78	41
AIR PRO TWO	SS.APR2	STANDARD	1.1	1.5	110/220	50/60	7	150	100	24	1+1	66	40x40x65	30
	SS.APR2.E	WITH DRIER - CON ESSICATORE - AVEC SECHEUSE - CON SECADOR	1.1	1.5	110/220	50/60	7	150	100	24	1+1	66	40x52x65	35
	SS.APR2.ES	SOUNDPROOF - INSONORIZZATO - INSONORISÉ - INSONORIZADO	1.1	1.5	110/220	50/60	7	150	100	24	1+1	62	76x67x78	41
AIR PRO THREE	SS.APR3	STANDARD	1.1	1.5	110/220	50/60	7	200	130	24	2	67	40x40x65	30
	SS.APR3.E	WITH DRIER - CON ESSICATORE - AVEC SECHEUSE - CON SECADOR	1.1	1.5	110/220	50/60	7	200	130	24	2	67	40x52x67	35
	SS.APR3.ES	SOUNDPROOF - INSONORIZZATO - INSONORISÉ - INSONORIZADO	1.1	1.5	110/220	50/60	7	200	130	24	2	63	76x67x78	41

# AIR\_PLUS

## Compressors

MADE IN ITALY

Traditional piston compressors, **dried** and **silenced**. They are the top of the range and guarantee the necessary air for a minimum of 2 units.

Compressori a pistone tradizionale, **essiccati** e **silenzianti**. Sono il top di gamma e garantiscono l'aria necessaria da un minimo di 2 riuniti in su.

Compresseurs à piston traditionnels, **séchés** et **insonorisées**. Ils sont le haut de gamme et garantissent l'air nécessaire à partir de minimum 2 units.

Compresores de pistón tradicionales, **en seco** y **silenciados**. Son los mejores de la gama y garantizan el aire necesario a partir de un mínimo de 2 unidades.



	Code	Type	Kw	HP	Volt	Hz	Bar	L/min	L/min a 5 bar	Ltr	Units	dB (A)	Cm	Kg
AIR PLUS ONE	SS.APL1	STANDARD	1.1	1.5	110/220	50/60	7	200	150	50	2+1	68	40x75x75	47
	SS.APL1.E	WITH DRIER - CON ESSICATORE - AVEC SECHEUSE - CON SECADOR	1.1	1.5	110/220	50/60	7	200	150	50	2+1	68	40x80x75	52
	SS.APL1.ES	SOUNDPROOF - INSONORIZZATO - INSONORISÉ - INSONORIZADO	1.1	1.5	110/220	50/60	7	200	150	50	2+1	62	76x50x108	61
AIR PLUS TWO	SS.APL2	STANDARD	1.8	2.5	110/220	50/60	7	300	225	50	3+1	70	40x75x75	47
	SS.APL2.E	WITH DRIER - CON ESSICATORE - AVEC SECHEUSE - CON SECADOR	1.8	2.5	110/220	50/60	7	300	225	50	3+1	70	40x80x75	52
	SS.APL2.ES	SOUNDPROOF - INSONORIZZATO - INSONORISÉ - INSONORIZADO	1.8	2.5	110/220	50/60	7	300	225	50	3+1	64	76x50x108	61

# SMART\_POWER

## Suction Motors

MADE IN ITALY

S&S offers a range of reliable, silent, and qualitatively and technologically advanced suction motors. Our **WET** ring motors are continuous drainage surgical suction machines, perfect for dental practices from 1 to 4 work places. Equipped with "inverter" technology, they ensure efficiency in suction and optimization of energy consumption, guaranteeing significant savings on electricity bills.

S&S offre una gamma di aspiratori affidabili, silenziosi, e qualitativamente e tecnologicamente avanzati. I nostri aspiratori ad anello **UMIDO** sono aspiratori chirurgici a drenaggio continuo perfetti per studi da 1 a 4 posti lavoro. Dotati infatti di tecnologia "inverter", assicurano efficienza nell'aspirazione ed ottimizzazione dei consumi energetici garantendo un sensibile risparmio sulla bolletta elettrica.

S&S propose une gamme d'aspirateurs fiables, silencieux, et à la pointe de la qualité et de la technologie. Nos aspirateurs à anneau **HUMIDE** sont des aspirateurs chirurgicaux à drainage continu, parfaits pour les cabinets dentaires de 1 à 4 postes de travail. Equipés de la technologie "inverter", ils garantissent l'efficacité de l'aspiration et l'optimisation de la consommation d'énergie, garantissant des économies significatives sur les factures d'électricité.

S&S ofrece una gama de aspiradores confiables, silenciosos y cualitativamente y tecnológicamente avanzados. Nuestros aspiradores en **HÚMEDO** son aspiradoras quirúrgicas de drenaje continuo perfectas para clínicas de 1 a 4 lugares de trabajo. Equipados con tecnología "inverter", garantizan eficiencia en la aspiración y la optimización del consumo de energía, lo que garantiza un ahorro significativo en las facturas de electricidad.





	Code	Type	Kw	Volt	Hz	rpm	mbar	Flow it/ min	Cm	Units	dB (A)	Kg
SMART POWER ONE	SS.PWH1	SMART POWER _ONE STANDARD	0,55-0,63	230	50	2800/3400	170-200	1333	28x50x55h	1	53	19
	SS.PWH1C	SMART POWER _ONE + COVER	0,55-0,63	230	50	2800/3400	170-200	1333	33x57x60h	1	50	20
SMART POWER TWO	SS.PWH2	SMART POWER _TWO STANDARD	0,70-0,83	230	50	2800/3400	220-290	2300	34x43x54h	2	55	20
	SS.PWH2+	SMART POWER _TWO + INVERTER	0,63	230	50	0/3980	200-370	Max2300	41x51x61h	1-3	59	31

# AIR\_ECO

## Compressors

The economic range of simple&smart compressors  
 La gamma economica di compressori simple&smart  
 La gamme économique des compresseurs simple&smart  
 La gama económica de compresores simple&smart



### AIR ECO

Code	Type	Kw	HP	Volt	Hz	Bar	L/min	L/min a 5 bar	Ltr	Units	dB (A)	Cm	Kg
S1.A200	AIR ECO_ONE	0.85	1.1	220	50	6	100	85	35	1	62	46x46x65	30
S1.A202	AIR ECO_TWO	1	1.4	220	50	7	150	100	50	2	65	46x46x70	35
S1.A300	AIR ECO_THREE	1.3	1.8	220	50	7	200	130	70	3	66	46x46x82	47
S1.A400	AIR ECO_FOUR	1.7	2.3	220	50	7	250	170	80	4	68	85x36x69	52



# SMART\_ECO

## Suction Motors

The economic range of simple&smart suction machines

La gamma economica di aspiratori simple&smart

La gamme économique des aspirateurs simple&smart

La gama económica de aspiradores simple&smart



### SMART ECO

Code	Type	Kw	Volt	Hz	rpm	mbar	Flow it/ min	Cm	Units	dB (A)	Kg
S1.1000	SMART ECO_ONE	0,55-0,63	230	50	2850	180	600	34x43x59h	1	62	29
S1.3000	SMART ECO_TWO	0,94-1,10	230	50	2850	180	900	36x44x61h	1-2	62	31
S1.5000	SMART ECO_THREE	1,10-1,30	230	50	2850	180	1200	38x46x61h	5	63	36



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# WHY CHOOSE OUR UNITS?

## Simple&Smart

is the result of the idea of a few Italian dentists, tired to spend a lot of money for complex and too much technological dental units.

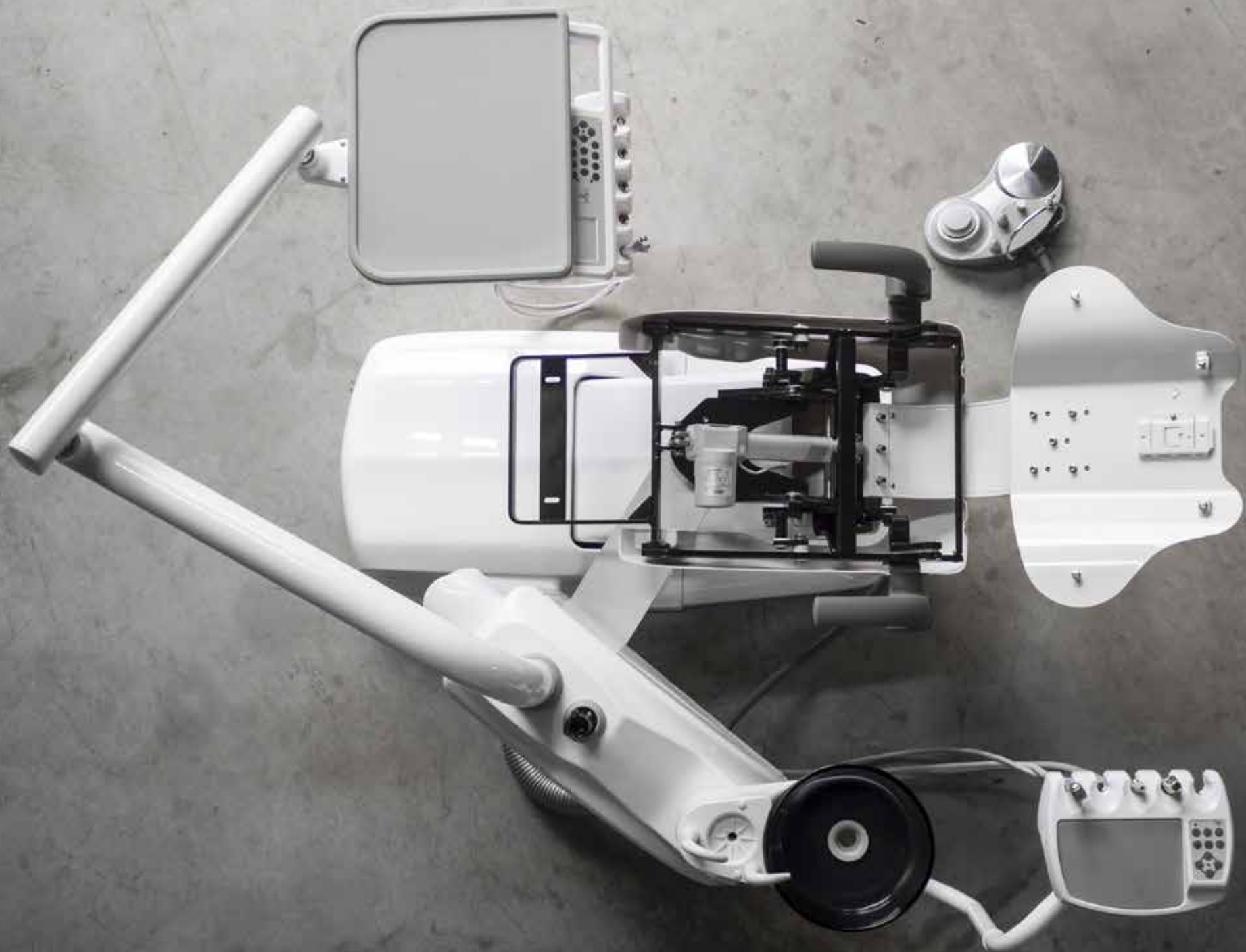
You should choose us because we **THINK DIFFERENT!**

We are introducing a different vision of dental unit, by making a unit that combines reliability, simplicity of installation and maintenance to a good price.

We reduced the amount of electronic parts in our equipment to the minimum, thus ensuring the machines reliability in operation.

This results in less occurrence of technical incidence and therefore, less costs for maintenance and assistance and a lower cost of purchase.

SO, **WHY** SPEND SO MUCH WHEN YOU CAN HAVE THE SAME RESULT WITH OUR **SS\_ONE**?!



**SIMPLE** inside

less assistance need

easy installation

**LESS** electronics

for a

**MORE**

reliable **unit.**

That's why we are  
**what we are!**

**Less** is **More!**

Simple&Smart  
**INSIDE**



# Configuration

what's better for you?

You can choose which kind of instrument tray is more suitable for you based on your habits. Also the choice of the spittoon is up to you, the dark glass spittoon is removable to make the cleaning operation easier, The ceramic one is not removable. No matter which one you prefer, there will be no additional costs!

HANGING TYPE



TOP MOUNTED



CERAMIC SPITTOON



DARK GLASS SPITTOON





# SS\_ONE

- Ergonomic seat
- Five cordon modules on doctor tray:
  - 1 syringe with 3 functions
  - 1 WP scaler, EMS compatible with 5 tips included and LED
  - 3 cordons (2 with optic fibre, 1 without optic fibre) midwest type
- Assistant tray with:
  - 1 syringe with 3 functions
  - double cannula for strong and weak suction
- 15 function control panel on doctor tray
- 10 function control panel on assistant tray
- 3 programmable positions, plus reset position and last position
- X-ray viewer
- Multifunctional pedal
- Rotatable ceramic white or dark glass spitton
- Rotatable water unit
- Silicone, autoclavable pads for trays
- Double tank for pure water system (2 L) and disinfection system
- LED ECO lamp with sensor, 30.000 lux
- One left armrest
- Cushions in PU leather. High Quality PU production process. Anti snatch
- Doctor stool in PU leather with 3 adjustable positions
- Dental chair tilt angle from 100 degree to 180 degree
- Up and down (distance from the floor) >= 40cm
- Maxim weight >= 150 kg

# Features

## Ergonomics

The **SEAT** and the **BACKREST** have been designed to improve the comfort and the stability of the patient on the chair. The particular ergonomics allows the doctor to work in a more suitable position. Working in 12 o'clock position will be easier.

The structure of the backrest is in metal and it is very thin, this way the doctor can get closer to the patient and have a better working position.

The design of the **chair base** grants a wider movement of the seat. It is thin and allows the chair to reach a lower position.







## Structure

The **water unit** can rotate to allow the doctor to work even at 3 o'clock or a better positioning of the assistant.

The water unit's internal structure and the most fragile parts of the dental unit are now completely made in aluminum. This feature allows to reduce the chair weight, making the movement easier to manage. It also avoids the rust formation and grants a greater resistance of those parts which are most subject to wear.

The **SS\_ONE** is equipped with double **tanks** for **pure water** and **disinfection system**. There is a tank inside the water unit for the disinfection and a second bigger tank, outside the water unit, with a capacity of 2 L for the pure water supply.

2 separated **airtight filters**, one for each suction cannula.





# Customize

your dental unit

SS\_ONE can be equipped, according to your needs, with the addition of many options. The internal simplicity of the machine remains the same but, following your requests, we can customize your unit in order to make it **PERFECT** for you!

Your experience and feedbacks help us to constantly improve our unit and find the best solution in any situation. We have a special team which can fulfill those requests that lie outside the standard production process. Therefore it is possible to adjust ergonomic and functional aspects of the unit according to your requests. If you have a **WISH**, we try to make it **REAL**!

# Options

available

## FIBER LEATHER

More comfort with seams! The standard cushions in PU Leather are manufactured without seams as they can be cleaned more easily. On the other hand, the **Ultra Fiber Leather** seat, grants a higher sense of comfort to your patients. There is a standard range of colors but you can also customize it choosing within a range of more than 200 colors.



## EXTRA STOOL

An extra stool can be suitable for your assistant. Different models are available to meet your requests and your needs.



## RIGHT ARMREST

The right armrest is not included in the standard configuration as many doctors prefer not to have it. But, if you want to increase the comfort of your patients, you can add it to your customized chair.





# Options

## Lamps

### LED OPERATION LAMP \_ ECO

Economic LED lamp with sensor, 30.000 lux.



### HALOGEN LAMP \_ EDI

High quality halogen lamp, from 8.000 to 25.000 lux.  
Made by **FARO** - Italy



### LED LAMP \_ MAIA

High quality LED lamp, from 8.000 to 35.000 lux.  
Made by **FARO** - Italy



### LED LAMP \_ ALYA

High quality LED lamp, from 5.000 to 50.000 lux.  
Made by **FARO** - Italy



# Options

## Media Kits



### ENDOSCOPE KIT

- **Monitor** 24 V, color, 15", with glass protection
- **Intraoral USB Camera**, high definition, auto focus and mouse, LED illumination - by SIMPLE&SMART Italy
- **Arms Set** for monitor installation

**MONITOR and CAMERA** are installed on the dental unit with a special pole set. The camera has an USB connection and allow to save images on a SD memory card. This high definition camera (1280 x 720) is equipped with auto-focus and mouse, LED illumination with 3 different intensity levels. The head of the camera can rotate 280 °, this feature facilitates your job and reduces discomfort for the patient. The **Endoscope KIT** is the PERFECT SOLUTION to show to your patients your work in real time.



### SUPERMEDIA KIT

- **Panel PC** Installed on the unit, touch screen, wireless mouse and keyboard.
- **USB Camera** Connected to the panel PC \_ Made by **CARESTREAM** - France
- **Arms Set** for monitor installation

**PANEL PC** and **CAMERA** can be installed also separately, but the BEST SOLUTION is to use them together.

The PC is touch screen and it works as a normal computer. Internet connection, RVG system, endocamera and all management programs can be controlled directly from your operation site. The combination with the camera allows to get and save all images you need.



# Options

## Handpieces

### PNEUMATIC MICROMOTOR

Pneumatic micromotor without light - 20.000 rpm.  
Internal spray.  
Made by **TKD** - Italy



### ELECTRIC MICROMOTOR

available from TKD Italy or Dassym Switzerland.  
Both are LED illumination, brushless system,  
40.000 rpm, internal spray.  
See details in Micromotors & Controllers page.



### HIGH SPEED TURBINE

Available with or without light - Internal spray.  
Made by **TKD** - Italy



### RAPID COUPLING for high speed turbine

Available with LED or halogen light  
Made by **TKD** - Italy



### CONTRA-ANGLE for micromotor

Contra-angle Synea Fusion, available with or without  
light - internal spray (1:1 or 5:1). - EMS compatible.  
Made by **W&H** - Austria/Italy



### STRAIGHT HANDPIECE

Straight handpiece 1:1 Synea Fusion, single spray,  
twist tension chuck system for handpiece and  
contra-angle bur with Ø 2.35 mm  
Made by **W&H** - Austria/Italy





### TKD SCALER - TITANUS

Internal spray - EMS compatible. Handpiece of scaler is autoclavable.

Made by **TKD** - Italy



### THREE WAY SYRINGE

Available for the installation on instrument tray or assistant tray

Made by **FARO** - Italy



### CURING LIGHT

Wireless with double battery

Made by **WOODPECKER** - China



### KIT MOON CURING LIGHT

SIX curing programs, high-power LED light, straight or pistol position. Lamp with a @8mm optical fibre (@5mm optical fibre also available for higher output power).

Made by **TKD** - Italy



### SONOSURGERY HANDPIECE

Pneumatic handpiece with Komet tips intro set. suitable for prophylaxis procedures or bone surgery. The power of vibrations can be adjusted with a rotating ring.

Made by **TKD** - Italy



# Options

## Micromotors & Controllers

The instrument tray can be equipped with one or more micromotors. Micromotors can be pneumatic or electric depending on the requirements of each customer.

For the installation of electric micromotors on our SS\_ONE, there are three different solution:

### TKD Electric Micromotor

The first option is to install the TKD micromotor Definitive (one or more) with or without LED illumination.

This option has not any electronic control panel so the speed of the micromotor is simply managed through the pedal. The revers control is manual. There is no digital torque control.



## TKD Micromotor and DUOPAD Control Panel

The second option is to install the TKD micromotor with the Duopad control panel. The DUOPAD control panel has an LCD touch screen. It is a panel that allows the digital control of the rotation speed, the reverse and the light, of one or more TKD DEFINITIVE motors.

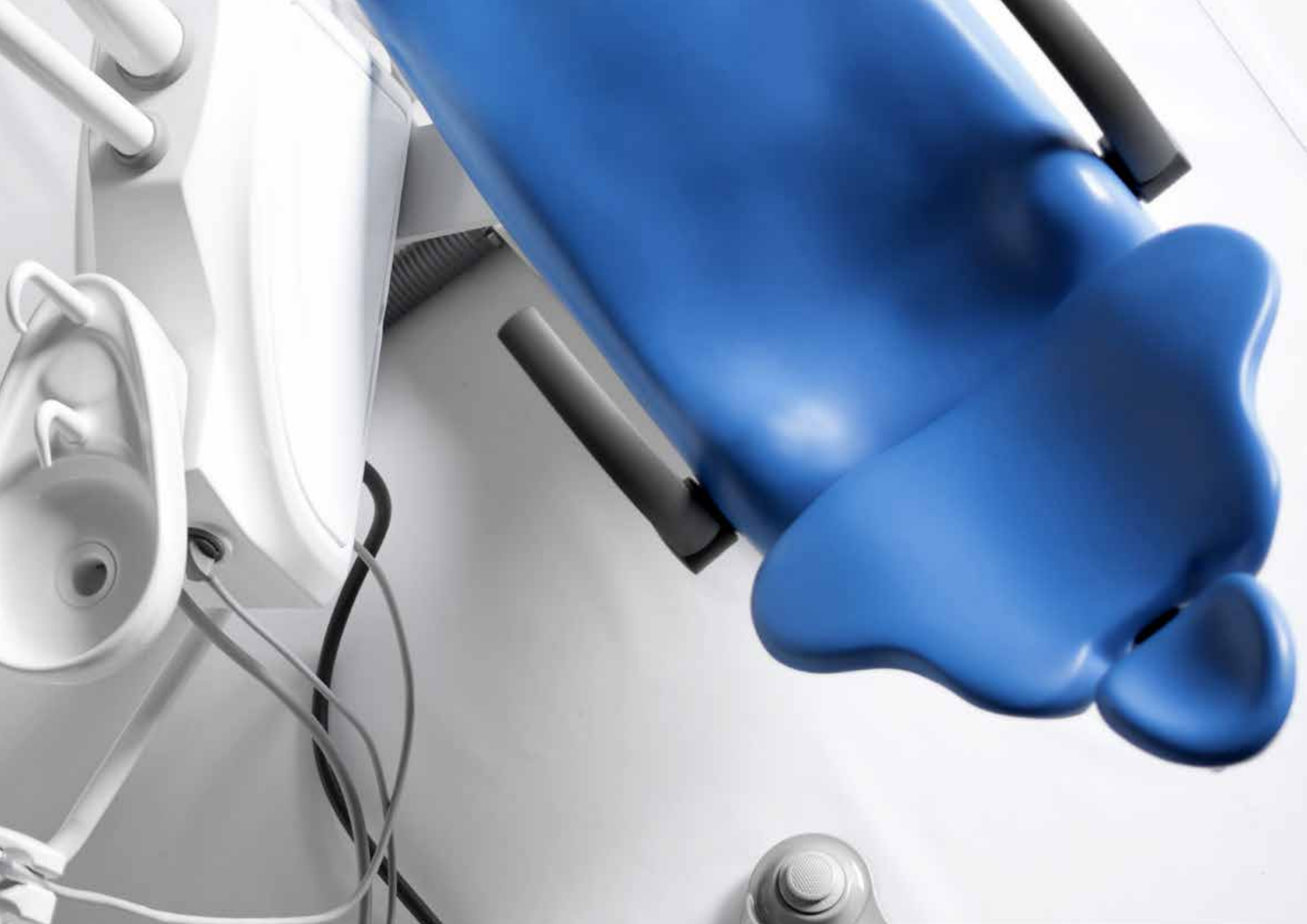


## Dassym Micromotor and Control Panel

The last option is to install the DASSYM micromotor with its control panel. The controller is a pushbutton control panel that allows you to digitally manage one or more DASSYM micromotors. It can control the rotation speed, the reverse function, the torque and the two lights.

The DASSYM micromotor can only be installed in combination with the control panel. Compared to the TKD Duopad, it has the possibility to manage the torque and the double light (a classic LED light present in the micromotors, and a second BLUE light that allows verifying the presence of fillings). The control panel also allows you to customize the program with 3 different settings.





# Valves



On all our dental units we install **DURR** valves, according to the specific requests of each customer and to the type of suction system present in the clinic.

The SS\_ONE dental unit is preset by default to be connected to a **liquid** or **wet** suction machine.

In addition, it is possible to integrate the unit with:

1. **CS1 AIR/WATER SEPARATOR** to fit the unit for the connection to a dry suction motor.
2. **PLACE SELECTION VALVE** in case of multiple installations (two units or more connected to a single suction motor).
3. **SPITTOON BOWL VALVE** to convey the drain of the basin towards the aspirator (in case there is just one tube at the base of the chair).
4. **AMALGAM SEPARATOR** \_ by S&S, a filter that allows you to comply with the international regulation on the amalgam separation while containing the costs.
5. **VENTURI SYSTEM** to be installed in those situation where there is not a suction machine.

It is very important to analyze the situation of the clinic before ordering the unit. The S&S staff will help and suggest you the best solution to fit the unit to your system.



# Options

## Instruments Cart

In replacement to the instrument tray you can have your SS\_ONE with the instrument cart.

The cart has the same equipment as the instrument tray:

- Five cordon modules on doctor tray:
  - 1 syringe with 3 functions
  - 1 WP scaler, EMS compatible with 5 tips included
  - 3 cordons (2 with optic fibre, 1 without optic fibre) midwest type
- 15 function control panel
- X-ray viewer





# Options

## Stand Alone Unit

The SS\_ONE can also be configured as a STAND ALONE CHAIR to allow you to use the chair for the most suitable purpose.







# Color Table

## PU LEATHER

	Pink	Orange	Yellow	Light Yellow	Apple Green
					
Black	Grey	Light Blue	Grass Green	Navy Blue	Dark Blue
					

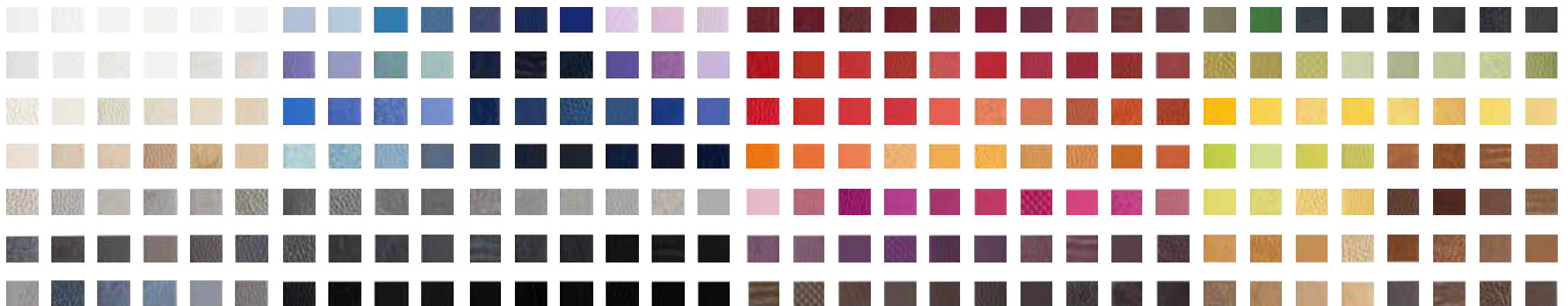
## FIBER LEATHER

	Green	Champagne	Orange	Red	Wine Red
					
Black	Misty Grey	Grey	Blue	Dark Blue	Brown
					

# Colors

Customized Leather

If you select the Fiber Leather upholstery, and you are not satisfied about the standard range of colors available, you can also customize the upholstery with your favourite color. A range of more than 200 colors is available to grant you the widest choice ever!



# Options

## Maintenance

Our aim is to be as fast as possible in assisting our Customers.

That's why we have all the spare parts ready for the delivery and they can be shipped within 12 hours from the reception of the request.

In order to give you the possibility of being even faster than this, in solving your possible problems, we created **2 SPARE PARTS KITS** which include the main electric PCB of our dental unit SS\_ONE and other parts, such as filters, membranes, etc., that can be replaced.

Our Spare Parts kits are optionals that can be really helpful in case you have a problem. If you keep these kits in your warehouse or clinic, you can **SOLVE** any possible problem in a **SHORT TIME**.

### BASIC SPARE PART KIT



includes:

- ALL THE ELECTRICAL BOARDS OF THE UNIT  
(1 Main Board, 1 Transformer, 1 PCB for the water unit, 1 Assistant Tray PCB, 1 Instrument tray PCB).
- 2 EXAGONAL MEMBRANES
- 1 RECTANGULAR MEMBRANE
- 2 SUCTION FILTERS
- 1 BASIN FILTER
- 1 REGULATION VALVE
- 2 CORDON SPRINGS.

### COMPLETE SPARE PART



includes:

- ALL THE ELECTRICAL BOARDS OF THE UNIT  
(1 Main Board, 1 Transformer, 1 PCB for the water unit, 1 Assistant Tray PCB, 1 Instrument tray PCB).
- 4 EXAGONAL and 2 RECTANGULAR MEMBRANES
- 2 SUCTION FILTERS
- 1 BASIN FILTER
- 1 REGULATION VALVE
- 2 CORDON SPRINGS
- 1 WEAK and 1 STRONG SUCTION HANDLE
- 2 SYRINGE TIPS
- 1 OPTIC FIBER CORDON
- 1 ASSISTANT TRAY LABEL and 1 INSTRUMENT TRAY LABEL
- 1 BOTTLE FOR DISINFECTION SYSTEM
- SET OF SILICONE PADS
- 1 TAP FOR BASIN and 1 TAP FOR GLASS

# Options

## Maintenance

The concept is always the same, grant to the customer the best service possible.

The purpose is giving to the customers all the necessary products for the ordinary maintenance of our dental unit.

Our **CLEANING KIT** contains all the most suitable products to clean and sanitize our SS\_ONE, filters, silicone parts, etc.. that can be replaced in case of need.

### CLEANING



Includes:

- 2 SUCTION FILTER,
- 1 BASIN FILTER
- 1 WEAK SUCTION HANDLE
- 1 STRONG SUCTION HANDLE
- 1 SET OF SILICON PADS.
- 1 PULY JET by CATTANI ITALIA to clean the suction tubes, kill the bacteria, avoid to have bad smells inside your clinic and avoid any tubes obstruction.
- 1 AQUA PLUS to clean all the internal system of the unit through the disinfection system installed inside the unit. It prevents the formation of microfilm inside the tubes and so, any possible damage to the small holes of the instruments.
- 1 ESENFIX or MICROZID to keep the dental unit surface clean avoiding possible damages to the leather and the sensible plastic parts. It is alcohol free.

# Company

and Services

## Production



The production process is the heart of our company, and for this reason we FOLLOW, with particular care **every stage**, starting from the choice of materials, paints and components to the assembly and final control. Each unit, in fact, is subjected to a careful double check, carried out by our specialized technicians, during assembly phase and before shipment. Our **ISO 9001** and **ISO 13485** standards ensure that these processes are actually carried out and respected.

## Stock



We want to be extremely **FAST** in deliveries, so we always have in stock **several units**, in large part, already assembled and **READY** to be configured according to our Customers needs.

All the necessary parts and all the options are **available in stock** and we can complete the assembly of the unit and arrange the delivery in a few days.

## Services



Our staff is always at your disposal **to solve any kind of problem** in the shortest way! Allow the customers to save time and money is a priority according to us and that's why we try to give them the best support service possible. Live assistance, trainings, reports and videos created to solve any particular issue you can face.

These are only few services we provide to our customers. See the review page on our website to check our **customers' satisfaction**.



# Other Services



## WARRANTY EXTENTION

We grant one year of standard warranty on our **SS\_ONE**, but, if you want, you can extend the warranty period **up to 5 years**.



## LIVE ASSISTANCE

SKYPE SERVICE: **simple.smart.ita** or **simple.smart.assistance**

Whatsapp: +39. 340 5872688

We are always at your disposal. You just have to contact our live assistance department on Skype or Whatsapp. Our technical staff will ASSIST your technicians to solve any issue in few minutes.



## REPORTS ON FILES

Complete **PDF reports** are available to be sent by mail.

Detailed information for **PROBLEM SOLVING** are explained in a specific manner on the bases of the problem you have indicated.



## WATCH OUR VIDEOS

**Detailed information** on the unit, on its configuration, on the options available, the maintenance, sanitization, etc.. in order to set up and take care of your chair in the best way possible.

INSTALLATION GUIDE with our video tutorials. All available on our **WEB SITE**: [www.simplesmart.it](http://www.simplesmart.it)

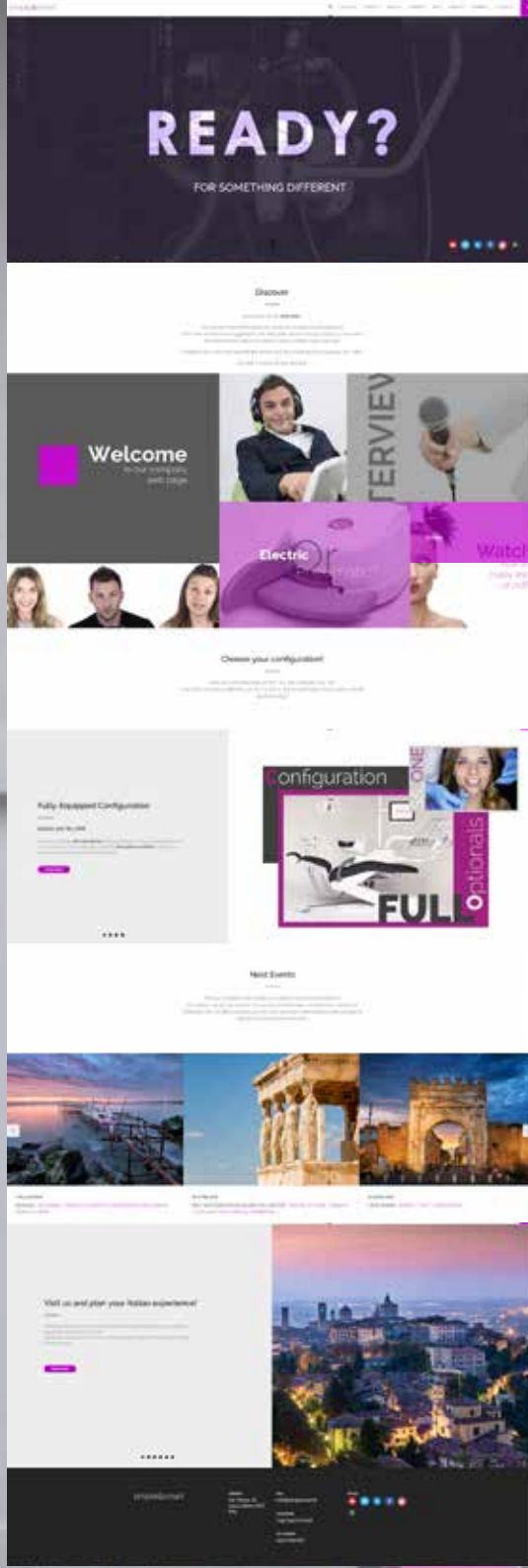
# Website

[www.simplesmart.it](http://www.simplesmart.it)



Do not miss to visit our new **web site** [www.simplesmart.it](http://www.simplesmart.it)  
More information, videos sections and many other services for  
dealers and final customers!

We created this website to support our dealers and Customers in  
the best way possible, you can have a complete overview on our  
company and our product. You can even configure your customized  
unit. Using our **Configurator** you can receive a personalized quotation  
without any purchase obligation.



10

simple&smart

# Shipment

## How?

The shipment can be arranged according to each customer's needs. We usually ship the unit in a **SINGLE WOODEN CASE**, but, **if required**, we can ship the unit in **TWO SEPARATED** boxes, in order to get the delivery to the clinics easier.

The two separated wooden boxes are smaller in size and less weighted so the download from the truck is easy even without a lifter and the reduced dimensions allows an easy storage while waiting for the installation.

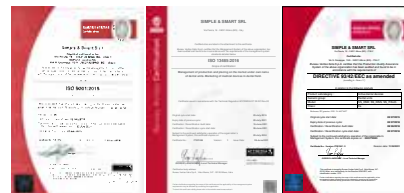


# Certifications



## Certified Technicians

To ensure a PERFECT installation and a proper after sales assistance service, Simple&Smart certifies all the distributors' technicians, after attending a specific training, an Enabling Certificate is issued to the technician, all this, in order to provide a safe and reliable product to the Customers and a professional and precise technical support.



## ISO & CE Certificates

Our dental units are Class IIa medical devices. The EC Certificates and ISO 9001 and 13485 Certificates ensure that our products and procedures are compliant to the regulations in force and to the severe ISO standards. These certifications guarantee the quality of our products and services.



## Product Label

The most important TECHNICAL INFORMATION on the product are clearly indicate onto the label applied on each unit.



Via Perola 16, Albino  
24021 - Bergamo - ITALY

[info@simplesmart.it](mailto:info@simplesmart.it)  
[www.simplesmart.it](http://www.simplesmart.it)

Phone: +39 (0)35-222955





BUREAU  
VERITAS

Bureau Veritas Certification

# SIMPLE & SMART S.R.L.

Via Perola, 16 - 24021 Albino (BG)- Italy

Certified site:

Via San Carlo, 33/35-24029 VERTOVA (BG) - Italy

*Bureau Veritas Italia S.p.A. certifies that the Management System of the above organisation has been audited and found to be in accordance with the requirements of the management system standards detailed below*

## ISO 13485:2016

*Scope of certification*

**Management of production and placing on the market under own name of dental units. Marketing of medical devices in dental field.**

Certificate issued in accordance with the Technical Regulation ACCREDIA DT 02-DC Rev.00

Original cycle start date:	03-July-2015	
Expiry date of previous cycle:	02-July-2021	
Certification / Recertification Audit date:	15-June-2021	
Certification / Recertification cycle start date:	28-June-2021	
Subject to the continued satisfactory operation of the organization's Management System, this certificate expires on:	02-July-2024	
Certificate No.: <b>IT307469</b>	Version: <b>2</b>	Issue Date: <b>04-August-2022</b>

**GIORGIO LANZAFAME - Local Technical Manager**



SGQ N° 009A

Membro degli Accordi di Mutuo Riconoscimento EA, IAF e ILAC  
Signatory of EA, IAF and ILAC mutual Recognition Agreements

Certification body address:

Bureau Veritas Italia S.p.A., Viale Monza, 347 - 20126 Milano, Italia

Further clarifications regarding the scope of this certificate and the applicability of the management system requirements may be obtained by consulting the organisation.

To check the validity of this certificate please double click or scan QR CODE



**BUREAU VERITAS**  
Certification



## **SIMPLE & SMART SRL**

Via Perola, 16 – 24021 Albino (BG) - ITALY

**Certified site:**

Via S. Giuseppe, 10/A - 24021 Albino (BG) - ITALY

*Bureau Veritas Italia S.p.A. certifies that the Production Quality Assurance System of the above organization has been audited and found to be in accordance with the requirements of*

## **DIRECTIVE 93/42/EEC as amended**

*(according to Annex V)*

*In relation to the following products*

Product subcategory :	Active dental devices
Generic group:	Dental units
Model:	SS_ONE; SS_KISS; SS_ITALO.
Class:	Ila

Reference BV practice: ZIG. N. 60578437

Original cycle start date: **03/07/2015**

Expiry date of previous cycle: **02/07/2018**

Certification / Recertification Audit date: **08/06/2018**

Certification / Recertification cycle start date: **02/07/2018**

Subject to the continued satisfactory operation of the organization's Management System, this certificate expires on: : **02/07/2023**

**Certificate No. - Version: IT261641 -3**

**Revision date: 11/05/2021**

**GIORGIO LANZAFAME – Local Technical Manager**

*This certificate is issued by Bureau Veritas Italia S.p.A. Viale Monza, 347-20126 Milan, as a notified body for the Directive 93/42/EEC, with identification number 1370*

Further clarifications regarding the scope of this certificate and the applicability of the management system requirements may be obtained by consulting the organisation.  
To check this certificate validity please refer to the website [www.bureauveritas.it](http://www.bureauveritas.it)







源于专业，缔造不凡

[www.socodent.com](http://www.socodent.com)



佛山市森川精密器械有限公司  
Foshan SOCO Precision Instrument Co.,Ltd.

地址：佛山市南海区狮山镇罗村广东新光源产业基地核心区内A3座2楼之一工业厂房

ADD：2FL.Bldg 3,District A Guangdong New Light Source Industrial Base,  
Luocun Shishan Town,Nanhai District Foshan City Guangdong China

Tel：0757-81806002 / Fax：0757-81806003 /  
E-mail：sales@socodent.com



WeChat public number



Website

佛山市森川精密器械有限公司  
Foshan SOCO Precision Instrument Co.,Ltd.



2020-01



OVER **80**  
COUNTRIES AND REGIONS



## Company Profile

Established in 2011, Foshan SOCO Precision Instrument Co.,Ltd is a professional manufacturer and exporter that is concerned with the design, development and production of endodontic files, dental microscope, dental handpiece.

SOCO have bought precise production and testing equipment from Germany, Japan and Sweden, established and improved the strict quality management system, and passed the quality management system assessment of TÜV Rheinland. And has a young, efficient and rigorous quality and technical management team, the company's products meet the requirements of domestic medical equipment production and sales regulations, passed the EU quality and safety CE certification.

At present, the company's products are sold to more than 80 countries and regions such as Germany, the United Kingdom, South America, and authorized exclusive agents in many countries and regions, established a comprehensive after-sales service system, and constantly win the trust of customers and the reputation of the industry.

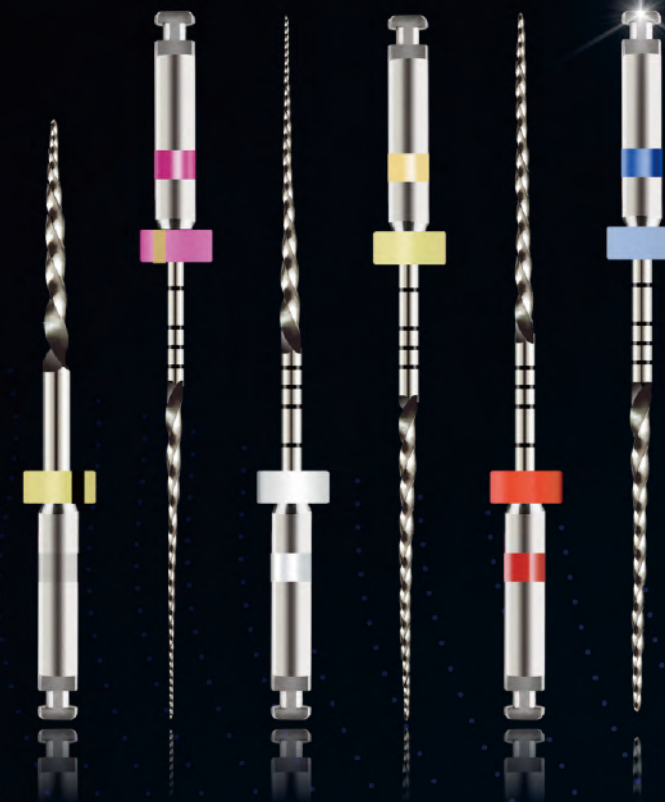
After many years of growth, SOCO Precision focuses on the R&D and production of dental precision medical devices, wins the respect of customers with technology, and wins the trust of customers with quality!

Because we are professional, we can create extraordinary! SOCO Precision always adheres to the spirit of perfectionist craftsmanship, so that every product shines with the light of quality and art!





**SCM600**  
OPERATION MICROSCOPES



**SC PLUS**  
NITI FILE SYSTEM



**DENTAL HANDPIECE**

High Speed Handpiece, Low Speed Handpiece,  
Fiber Optical Contra Angle



# Welcome to your practice

When you see the SOCO surgical microscope, you see a stylish, smooth line, beauty shape, high-end microscope with a modern design that fits perfectly into the modern clinic.

The stylish exterior is full of superior optical quality, and you have upgraded to a higher level of clinical treatment, giving you a higher quality, more efficient work experience.

**Order Code:SCM600-UL**  
Operation microscopes

## Full HD camera

1080P high-definition picture quality can manage picture efficient during surgery, and integrate your digital workflow for case management, and help communicate more patiently.

## Built-in cable design

There are no more hanging cables to interfere with your work.

## Optimized mechanical structure

The Germany gas springs with optimized mechanical structure can help you move the SOCO microscope to any working angle you need easily and accurately.



## Adjustable distance

Binocular tube distance can be adjusted to suit your position.

## Comfort handle

Easy positioning, adjustable angle and comfortable feel.

## Intimate engineering design

The binocular tube is adjustable in the 0-180° tilt angle. The microscope has an adjustable tilt angle of 0-60°. The design can achieve comfortable upright sitting position. The cooperation between the microscope and the human eye is very simple.

## Zoom objective lens

The working distance is 200-300mm and the zoom objective has a zoom range of up to 100mm.

## Greater vision and clarity

Multi-layer optical lens from Germany , multi-layer nano-optical coating, 5-speed magnification eyepiece, among them, the eyepiece with 12.5x wide-angle can provide a large field of view and 3D stereo imaging. The diopter is +6--6. It is suitable for operators with glasses.

## Careful selection

High quality imported silent medical mobile base casters, four wheels can be locked.

Technical Parameters and Configuration

		SCM600-UL	SCM600-ST
Optical System	Apochromatic optical system	●	●
Zoom System	5-speed zoom host	●	●
	Five-level magnification:3.2x. 5x. 8x. 12.8x. 20x	●	●
Eyepiece Lens	12.5x wide-angle eyepiece Magnitic adsorption insertion Diopter correction adjustment range: +6~-6D Adjustable height eye cup, suitable for operators with glasses	●	●
Binocular Tube	0-180 tilt angle adjustable binocular tube, f=170mm interpupillary distance adjustment range:55mm-75mm	●	●
Objective Lens	Large zoom objective lens, working distance: 200-300mm	●	Optional
	0-15mm fine-turning large objective lens, f=250mm	×	●
Illumination system	LED bulb, adjustable brightness, center illumination is more than 30000-50000lux, display index>90%	●	●
Handle	Standard bilateral handle, 360°adjustable	●	●

Order Code:SCM600-UL  
Operation microscopes



		SCM600-UL	SCM600-ST
Digital imaging	Optical splitter	●	Optional
	Digital camera tube	●	Optional
	SLR digital camera	Optional	Optional
	Wireless camera system	●	Optional
	HD display	Optional	Optional
	HD data cable (built-in)	●	Optional
Binocular Tube	Luxury display stand	●	Optional
	High quality imported mute medical mobile base casters, four wheels can be locked	●	●
	Luxury floor stand	●	●
	Integrated design, built-in cable	●	●
	Base size: 800 x800mm	●	●

Order Code:SCM600-ST  
Operation microscopes





# SC NITI FILE SYSTEM

Controlled memory files



SC 铂金版 PLUS  
NITI FILE SYSTEM















## Feature

1. Upgrade the open files 17/12, more reasonable
2. Configuration double taper path file
3. Redo Shaping file
4. Integrated material adjustment, more gentle
  - Retain more dentin crests and provide convenience to root canal doctors who like the MIE concept
  - Double tapered channel file configuration can be used in the No.10 stainless steel file after nickel titanium instruments-SC(platinum) , will be the best on the market for curved root canal preparation and single-tip filling.

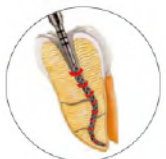
SC 铂金版 PLUS Lite  
NITI FILE SYSTEM



## Technical

						
Model	Orifice Opener	12 Variable Taper Path file	16 Variable Taper Path file	18/.05	25/.04	30/.04
						
Cross section	Φ17	Φ12	Φ16	Φ18	Φ25	Φ30
Taper	12	02	02	05	04	04
Speed	300	350	350	350	350	350
Torque	3	1.5	1.5	2	2	1.5
Length	21mm/25mm/31mm					

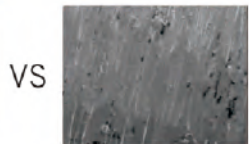
Smoothly and  
responsively Rotating  
in the canal



Mechanical, chemical and electro chemical polishing  
increase the metal surface finish for easy cleaning and  
disinfection



SC (platinum)







Other factory which has not  
been done polish

## Feature

- 1-SC-simplified version is suitable for conventional root canal preparation
- 2-Anti-cyclic fatigue increased to 400%
- 3-Safe, simple, practical
- 4-4 pens

## Technical

				
Model	Orifice Opener	18/.05	25/.04	30/.04
Cross section	Φ17	Φ18	Φ25	Φ30
Taper	12%	5%	4%	4%
Speed RPM	300	350	350	350
Torque N.cm	3	2	2	1.5
Length	21mm/25mm			

Safe Simple  
Practical



Chimb triangle



**S-one PLUS**  
Single Niti Reciprocation File



#### Super Easy Operation



**SC 镍钛锉系统**  
NITI FILE SYSTEM



Smart design is good for avoiding ledge or perforation



High-purity CM-wire nickel-titanium, carbon and oxygen impurities is very low. Anti-cycle fatigue super, super anti-breaking force, will minimize the risk of separation equipment

#### Feature

- 1- Single file to complete the preparation
  - 2- Unusually sharp section
  - 3- The capacity of chip and chip evacuation enhanced
  - 4- More flexible than the traditional single file, indications broader
- A-Good variable pitch design for quick and automatic removal of debris to the crown side.  
B-Variable pitch design and S-section, enhanced transverse cutting force, and weakened  
C-Instrument "screwed in" dentin effect

#### Technical

Model	L1 20/.07	L2 25/.06	L3 30/.06
Cross section	Φ20	Φ25	Φ30
Taper	7%	6%	6%
Length	21mm/25mm		

#### Feature

1. Super cutting force, anti-fatigue, anti-broken
2. The new import CM Niti material, good flexibility, More responsive to the root canal morphology
3. The super-hard alloy coating, increase product durability, and make a perfect looking

#### Technical

Model	17/.08	15/.03	20/.04	25/.04	30/.04	35/.04
Cross section	Φ17	Φ15	Φ20	Φ25	Φ30	Φ35
Taper	8%	3%	4%	4%	4%	4%
Speed RPM	375	375	375	375	375	375
Torque N.cm	3	1.5	1.5	1.5	1.5	1.5
Length	21mm/25mm/31mm					

#### 机用镍钛大锥度锉 SCF-Niti Rotary Super Files

大锥度锉是变锥根管锉。独特的多锥度变化,有别于常规的根管锉,可使根管切削更快捷,更安全,更有效。  
锥度:.06 建议转速为: 250-350rpm 6支/盒

Super File is the unique multivariable tapered instrument. With exclusive multiple taper design, Super Files make canal shaping easier, safer, faster, and more efficient.  
Taper: .06 Recommended rotary speed: 250-350rpm 6pcs/box

#### 手用不锈钢R锉 SCF-S.S R-Files

用于预备根  
管锥度:.02  
6支/盒

Instrument for smooth preparation of the canal walls.  
Taper:02  
6pcs/box



#### SIZE / PACKING

x6	06	08	10	15	20
	25	30	35	40	45
	50	55	60	70	80

x1	15	20	25	30	35	40
x1	45	50	55	60	70	80

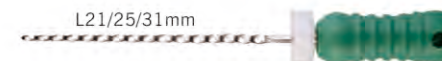


#### SIZE / PACKING

x6	SX	S1	S2	F1	F2	F3
----	----	----	----	----	----	----

x1	SX	S1	S2	F1	F2	F3
----	----	----	----	----	----	----

L21/25/31mm



Made of high quality medical stainless steel  
With precise processing technology, products in good flexibility and fracture resistance With high quality cutting efficiency With triangle cross section

采用优质不锈钢制造,精密的加工技术,具有良好的柔韧性,高强度的抗折断性,优质的切削力,横截面为三角形

#### 手用不锈钢K锉 SCF-S.S K-Files

用于搜索根管、清理及切削根管壁  
锥度:.02  
6支/盒

Strong and Stable instruments for searchinf root canal, cleaning and shaping the canal walls.  
Taper: 02  
6pcs/box



#### SIZE / PACKING

x6	06	08	10	15	20
	25	30	35	40	45
	50	55	60	70	80

x1	15	20	25	30	35	40
x1	45	50	55	60	70	80



Made of high quality medical stainless steel  
With precise processing technology, products in good flexibility and fracture resistance With high quality cutting efficiency With diamond-shape cross section

采用优质不锈钢制造,精密的加工技术,具有良好的柔韧性,高强度的抗折断性,优质的切削力,横截面为正方形

#### 手用不锈钢H锉 SCF-S.S H-Files

用于快速清除根管残余碎屑  
锥度:.02  
6支/盒

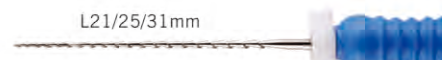
Fast cutting instruments for fast removal of debris.  
Taper: 02  
6pcs/box



#### SIZE / PACKING

x6	06	08	10	15	20
	25	30	35	40	45
	50	55	60	70	80

x1	15	20	25	30	35	40
x1	45	50	55	60	70	80



Made of high quality medical stainless steel  
With precise processing technology, products in good flexibility and fracture resistance With high quality cutting efficiency With round cross section

采用优质不锈钢制造,精密的加工技术,具有良好的柔韧性,高强度的抗折断性,优质的切削力横截面为圆形

#### 手用镍钛R锉 SCF-Niti R-Files

用于预备根管  
锥度:.02  
6支/盒

Instrument for smooth preparation of the canal walls.  
Taper: 02  
6 pcs/box



#### SIZE / PACKING

x6	06	08	10	15	20
	25	30	35	40	45
	50	55	60	70	80

x1	15	20	25	30	35	40
x1	45	50	55	60	70	80



Made of high quality Niti Alloy  
With precise processing technology, products in good flexibility and fracture resistance With high quality cutting efficiency With triangle cross section

采用优质镍钛合金制造,精密的加工技术,具有良好的柔韧性,高强度的抗折断性,优质的切削力横截面为三角形



## 手动镍钛K锉 SCF-Niti K-Files

用于搜索根管、清理及切削根管壁  
锥度: .02  
6支/盒

Strong and Stable instruments for searchinf  
root canal, cleaning and shaping the canal walls  
Taper: 02 6pcs/box

L21/25/31mm



Made of high quality NiTi Alloy  
With precise processing technology,  
products in good flexibility and fracture  
resistance With high quality cutting  
efficiency With diamond-shape  
cross section

采用优质镍钛合金制造，  
精密的加工技术，具有良  
好的柔韧性，高强度的抗  
折断性，优质的切削力横  
截面为正方形



SIZE / PACKING	
x6	x1
06 08 10 15 20	15 20 25 30 35 40
25 30 35 40 45	x1
50 55 60 70 80	45 50 55 60 70 80

## 手动镍钛H锉 SCF-Niti H-Files

用于快速清除根管残余碎屑  
锥度: .02  
6支/盒

Fast cutting instruments for  
fast removal of debris  
Taper: 02 6pcs/box

L21/25/31mm



Made of high quality NiTi Alloy  
With precise processing technology,  
products in good flexibility and fracture  
resistance With high quality cutting  
efficiency With round cross section

采用优质镍钛合金制造  
精密的加工技术具有良  
好的柔韧性高强度的抗  
折断性优质的切削力  
横截面为圆形



SIZE / PACKING	
x6	x1
06 08 10 15 20	15 20 25 30 35 40
25 30 35 40 45	x1
50 55 60 70 80	45 50 55 60 70 80

## 手动镍钛大锥度锉 SCF-Niti Hand Use Super Files

大锥度锉是变锥根管锉。独特的多锥度变化，有别於常规的根管锉，  
可使根管切削更快捷，更安全，更有效。  
锥度: .06 建议转速为: 250-350rpm 6支/盒

Super File is the unique multivariable tapered instrument. With  
exclusive multiple taper design, Super Files make canal shaping  
easier, safer, faster, and more efficient.  
Taper: .06  
Recommended rotary speed: 250-350rpm 6pcs/box

L21/25 mm



SIZE / PACKING	
x6	x1
SX S1 S2 F1 F2	ISO SX-F3
F3	SX S1 S2 F1 F2 F3

## 手动拔髓针 SCF-S.S.Barbed Broaches

用于拔除牙髓组织,去除根管内坏死组织、碎屑、棉捻及纸捻等  
10支/板

Designed for fast removal of pulpal tissue  
10pcs/blister

Made of high quality medical Stainless Stee  
With precise processing technology,products in good flexibility  
and broken-anti ability For removing pulp tissue,root canal dead tissue,  
scraps,cotton twist and fidibus High-temperature sterilization is  
allowable Packed with 10 pcs per box, available of single or  
assorted sizes

材料为医用不锈钢精密加工工艺,产品性能卓越,安全抗折断  
用于去除牙髓组织,根管死组织,棉捻  
10支装:分单色和混色包装

L 21 / 25 mm



SIZE / PACKING	
x10	x1
00 01 02 03	00 01 05 06
04 05 06	02 03 04



## 机用根管药输送针 SCF-S.S.Rotary Paste Carriers

用于输送根充糊剂、水门汀及根管封闭剂等  
建议转速为: 250 ~350rpm 4支/盒

Intended for opened pulp canals filling and dental processing.  
Recommended rotary speed: 250-350 rpm 4pcs/box



SIZE / PACKING	
x4	x1
25 30 35 40	25 30 35 40

Made of High quality medical  
stainless steel,With precise processing  
technology, Produce with excellent  
performance and safe volution,high  
broken-anti ability, For feeding root canal  
sealers or cement.

特殊不锈钢制造  
精密的加工技术  
特殊的高抗拉强度的合金钢制造  
有良好的抗折断性和弹性  
用于输送根充糊剂  
水门汀或根管封闭剂

L 21 / 25 mm



## 机用U锉 SCF-U file Rotary



SIZE / PACKING	
x6	x1
15 20 25	ISO 015-040
30 35 40	15 20 25 30 35 40

Made of High quality medical  
stainless steel,With precise processing  
technology, Produce with excellent  
performance and safe volution,high  
broken-anti ability, For feeding root canal  
sealers or cement.

长度Lengths:31mm  
包装Packed:6pcs/box  
尺寸Size: 15#,20#,25#,30#,35#,40#  
混装Assorted:15-40#  
材料Material: Stainless steel/Ni

L33 mm



## 机用不锈钢P型扩孔钻 SCF-SS.Peeso Reamers Rotary



SIZE / PACKING	
x6	x1
1# 2# 3#	ISO 015-040
4# 5# 6#	1# 2# 3#
	4# 5# 6#

Stainless Steel material & ISO standard metal  
handle, with stable hardness, high resistance  
to corrosion.Intended use:  
to be used for preparation of upper 1/3 root  
canal crown to bring out the filled material in  
the root canal to prepare the post path  
Recommended rotation rate: 800-1200rpm

材料使用特殊不锈钢,硬度均衡稳定,  
具有极高的抗腐蚀能力。  
用于桩冠修复中根管的预备  
取出根管内充填材料和桩道预备。  
推荐转速: 800-1200转/分钟

L28/32 mm



## 机用不锈钢G型扩孔钻 SCF-SS.Gates Drills Rotary



SIZE / PACKING	
x6	x1
1# 2# 3#	ISO 015-040
4# 5# 6#	1# 2# 3#
	4# 5# 6#

Stainless Steel material & ISO standard metal  
handle with stable hardness, high resistance  
to corrosion  
Intended use:  
to be applied in pulp canal protective, to  
establish the access to root canal's entrance  
to enlarge the opening of teeth root canal's  
crown part to prepare the upper 2/3 part of  
molar root canal crown Recommended rotation  
rate: 800-1200rpm

材料使用特殊不锈钢,硬度均衡稳定,  
具有极高的抗腐蚀能力。  
特点:  
打开根管的中上段或弯曲根管的直  
部快速而安全地预备磨牙根管的冠  
部2/3段。推荐转速: 800-1200转/  
分钟

L28/32 mm



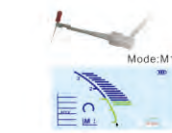


# C-SMART-IV+

Endodontic treatment  
根管治疗仪（普及型）



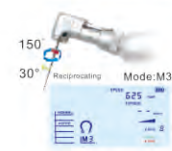
POWER  
REVERSE  
MODE  
PROGRAM  
SET  
ADJUST



Apex locator  
根管长度测量功能



Endodontic treatment  
单独根管马达功能



Reciprocating rotate head  
往复运动功能  
适合主流品牌镍钛系统



Apex locator &  
endodontic treatment  
边测量边扩大功能

4个工作模式

## Feature

1. Original Switzerland electro-motor
2. Color wide LCD screen
3. Drive-1:1 contra angle is available
4. Rotation speed and torque can be programmed to 9 settings
5. Auto torque reverse
6. Dual-frequency apex locator
7. 4 working modes
8. Auto apical reverse
9. Auto apical slow down
10. Auto start and stop
11. High capacity Li-ion chargeable battery
12. Auto power off and memory function
13. Both apex locate and endo at the same time

## 技术参数

- 1、适配器工作电压: AC100-240V, 50/60HZ
- 2、5种转速设定: 125-625 rpm
- 3、转矩调整范围: 0.3-5.2N.cm (3-52mN.m)

## Technical

1. Adaptor working voltage : AC100-240V, 50/60HZ
2. 5 settings for adjustable rotational speed ranging from 125 to 625 rpm
- Adjustable torque, range : 0.3-5.2N.cm (3-52mN.m)

## Volume/Weight

1. Volume(cm): 24x21x9.5
2. Weight(KG)/PCS: 1.8
3. Packing material: carton
4. QTY per master carton: 8 pc/ctn

## 产品体积/重量

- 1、外包装规格(CM): 24x21x9.5
- 2、重量(KG)/台: 1.8
- 3、包装材质: 纸盒
- 4、每箱数量: 8台

# C-SMART Mini2

Endodontic treatment  
根管治疗仪（无线型）



## Feature

1. Slim for clearer sight
2. Keyboard operating, easy to use
3. Original Switzerland surgical brushless motor
4. File rotates clockwise when torque disappears
5. Detachable 1:1 mini contra angle, multi-angle
6. can be autoclaved sterilization
7. Rotation speed and torque can be programmed to 5 settings
8. Reciprocating cutting mode
9. Non-contact recharge design
10. Auto power off and memory function

## Technical

Adaptor working voltage	100-240Vac, 50/60Hz
Adjustable torque, range	0.6-39N.cm (6-39mN.m)
5 setting for adjustable rotational speed ranging	125rpm-625rpm
Volume(cm)	19x13x6
Weight(kg)/PCS	0.7
Packing material	carton
QTY per master carton	12 pc/ctn



## Accessories/配件



# C-SMART+

Endodontic treatment  
根管治疗仪（经济型）



## Feature

1. Original Switzerland electro-motor
2. Easy operating with wide LCD screen
3. Drive-1:1 contra angle is available
4. Adjustable speed and torque
5. Auto reverse to protect the file
6. High capacity Li-ion chargeable battery and can work with battery or adaptor
7. Auto power off and memory function

## Technical

1. Adaptor working voltage : AC100-240V, 50/60HZ
2. 5 settings for adjustable rotational speed ranging from 125 to 625 rpm
- Adjustable torque, range: 0.3-5.2N.cm (3-52mN.m)

## Volume/Weight

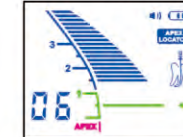
1. Volume(cm): 31.5X25.5X10
2. Weight(KG)/PCS: 2.2KG
3. Packing material: carton
4. QTY per master carton: 8 pc/ctn

# C-ROOT(VI)

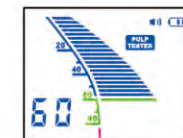
Root apex locator and Pulp tester  
根管长度测量仪&牙髓活力测试仪



## Two working modes



Apex locator mode



Pulp tester mode

## Feature

1. Root cannal apex finder and pulp vital measurement;
2. Color LCD screen display and can adjust the angle you need
3. Multi-frequency design, exact accurate
4. accurate current-stabilized generate technology
5. Self-test function in apex locator
6. The narrow zone of the apex can be adjust if the doctor need;
7. Sound prompt for the apex in the narrow zone of the pulp vital
8. Rechargeable Li-ion battery and charger
9. Precision can reach 0.1mm

## Technical

1. Adaptor voltage: AC100-240V, 50/60HZ
2. Battery: 7.4V/1000mAh changeable Li-ion battery
3. Charge time: 3 hours
4. Display: color LCD Screen, buzzer

## Volume/Weight

1. Volume(cm): 24X19X9
2. Weight(KG)/PCS: 2.0KG
3. Packing material: carton
4. QTY per master carton: 6 pc/ctn

# C-BLADE

Gutta cutter  
牙胶切断器

## Feature

1. The design is exquisite, beautiful shape, accord with human body engineering
2. Wireless type, flexible and convenient operation
3. Heating fast, 2 seconds to 160°C
4. 2400Ah Ni-MH rechargeable batteries, for cut operation more than 100times
5. With 4 different shape heat tip, can use for various kinds root canal
6. The heat tip can be autoclaved sterilization, safe and durable

## Technical

1. Battery: 1.2v 2400mAh
2. Charger input voltage: AC230V, 50Hz; AC110V, 60Hz
3. Power: 2.5w



## C-FILL

Obturation System  
热熔牙胶充填系统



### Feature

1. Wireless design, Reduce wrist fatigue
2. Holding comfortable, easy to use
3. Heat plunger has easy-lock structure, and can rotate 360°
4. Can be choose heating method according type of heat plunger
5. Fast heating, quick operation
6. Large capacity battery, double battery charging and spare

### 功能特点

1. 无线式设计,减少手腕疲劳;
2. 握持舒适,操作简易;
3. 发热针简易锁紧结构,可360旋转;
4. 可根据发热针型号选择加热方式;
5. 快速加热,操作迅速;
6. 大容量电池供电,双电池充电及备用电池;

### Technical (Pen)

1. Li-ion chargeable Battery可充锂离子电池: 3.7V 2600mAh
2. Heating time加热时间: 2s
3. Working temperature工作温度: 160°C/200°C
4. Adaptor电源适配器: Input输入电压: 100V~240V AC  
Output输出电压: DC5V, 1.5A
5. Operating time使用时间: continuous for 1.5h
6. Heat plunger发热针规格: MF, F, M, ML

### Feature

1. Wireless handpiece, easy to use
2. Holding and operating very comfortable
3. Exactly temperature-control and thermal protector cap can be avoiding scald
4. Gun needle can be 360 rotation, more easy to get the fill position
5. Gun needle screw design, effectively prevent the glue
6. It can be at 200 degree in 30S , can be melting all kinds of gutta percha
7. Large capacity for battery , which can use long time

### 功能特点

1. 无线式设计,操作简易
2. 握持及操作极为舒适
3. 精确的温度控制及温度保护套可防止意外的烫伤
4. 注射枪针可360旋转,更容易到达填充位置;
5. 注射枪针内螺丝设计,有效防止溢胶;
6. 30S即可加热到200C,可熔化各种品牌牙胶;
7. 大容量电池供电,可长时间使用。

### Technical (Gun)

1. Li-ion chargeable Battery可充锂离子电池: 3.7V 2200mAh
2. Heating time加热时间: 30s to 200°C
3. Working temperature工作温度: 200/220/240°C
4. Adaptor电源适配器: Input输入电压: 100V-240V AC  
Output输出电压: DC5V, 1.5A
5. Operating time使用时间: continuous for 1.5h
6. Gun Needle注射枪针规格: 23G, 25G

### Accessories / 配件



C-FILL α pack  
热熔牙胶充填笔



C-FILL β pack  
热熔牙胶充填枪



发热针  
Heat plunger  
(MF, F, M, ML)



银针  
Gun Needle  
(23/25ga)



隔热保护套  
Thermal  
protector cap



螺丝刀  
Driver



清洁工具  
Cleaning kit



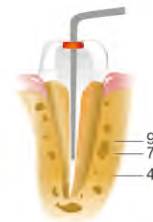
扳手  
Mutli-tools



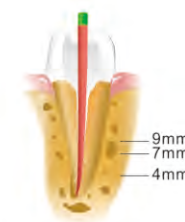
适配器  
Adapter



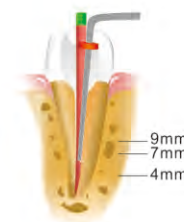
Obtura Technique 充填技术  
Down Pack 用充填笔进行底部充填(根管下1/3处)



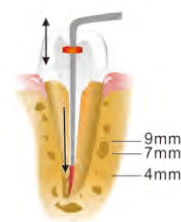
Insert pen tip into the root canal to the point 4-7mm short of the working length and fit Endo stop in the pen tip.  
将笔尖插入根管距根尖约4-7mm处,卡住标识胶垫



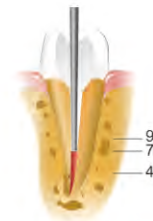
Fill the master Gutta percha cone that is dipped in a sealer  
放入蘸过密封剂的主牙胶尖



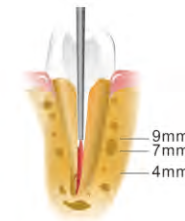
Place pen tip in the orifice of the canal and activate the device by pressing the operation button, using the activated pen tip, cut the middle of Gutta percha cone and downpack it to the point 6-9mm from the APEX about 1.5-2 seconds only.  
将笔尖放入根管并加热,从根管中部切断牙胶尖,并向下加压到6-9mm处,停留1.5-2秒



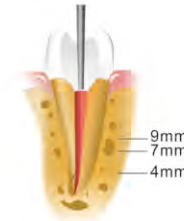
Release the operation button to allow pen tip to begin cooling, while at the same time continue pushing and holding the cooled pen tip to the apex for 8 seconds to fill the canal completely. Activate the pen tip again by pressing and holding the operation button for about 1-1.5 seconds, compact the gutta percha cone to the point 4-7mm of working length.  
停止加热笔尖并保持加压8秒以上让根管完全填充。再次加热笔尖1-1.5秒,加压牙胶尖到距根尖4-7mm处。



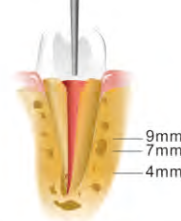
Using the gun's tip, make contact with the upper part of filled master cone in the canal, transfer heat for 3 to 5 seconds.  
放入枪的注射针到根管内与已经充填的牙胶表面接触,开始加热3-5秒。



Flow the melted Gutta percha obturator to the root canal.  
继续充填,挤出融化牙胶。



Continue flowing while with drawing the needle from the canal.  
一边回提一边挤出融化的牙胶到根管内,并将牙胶压紧。



Now the entire root canal is fully obturated.  
全面填充根管内,使整个根管完全充填。

### 可选配:牙胶棒 Option: Gutta Percha Pellet



Needle 银针		
Gauge 规格	Diameter 直径	Length 长度
23ga	0.68mm	23mm
23ga	0.68mm	23mm
25ga	0.58mm	23mm
25ga	0.58mm	23mm



Heat plunger 发热针		
Size 码数	Color code 颜色	Taper/Size 锥度
#MF	Yellow	0.04 #50
#F	White	0.06 #50
#M	Red	0.08 #50
#ML	Black	0.10 #50







### Order Code: C-Gutta 购买编号: C-Gutta





MOQ:30 Bag/Box

	
SC-X1# Endo Block	SC-X2# Endo Ruler
	
SC-X33# Endo Finger Ruler	SC-X34# Metal Endo Box

垂直加压器  
Vertical pressure device  
Order Code:SC-F001



Order name:

#40 NiTi                      #50NiTi  
#80 Stainless steel        #100Stainless steel

Light and practical,They are used in conjunction with the obturation system



 **SOCO**  
HANDPIECE 牙科手机

精于芯 简于形  
Sense and Simplicity

Nice Quality  
Exquisite Design  
Timely Delicery  
Reasonable Price



# GENERATOR

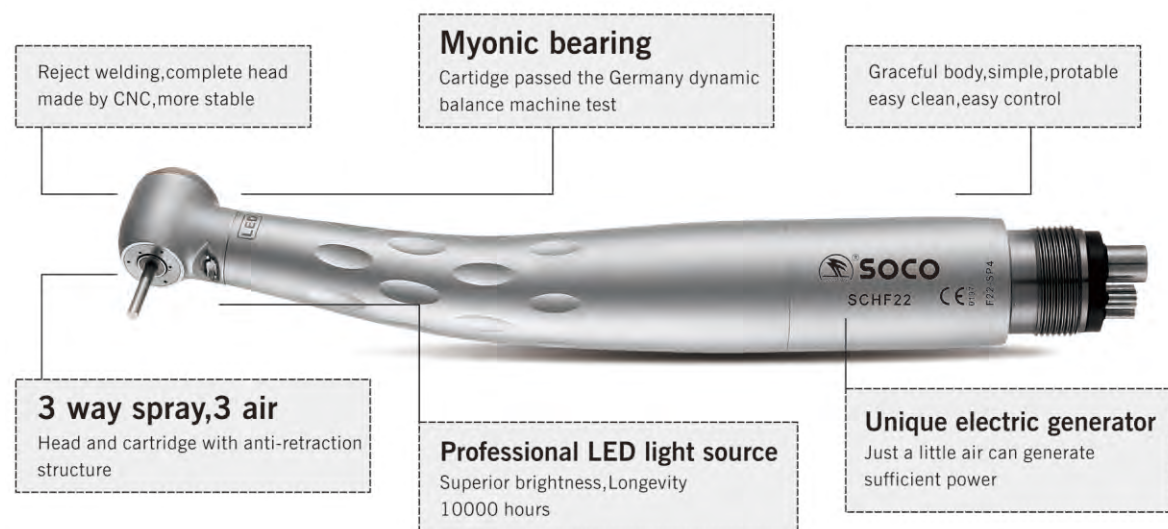
LED 风电手机

HANDPIECE WITH GENERATOR

We have improved our generator LED handpiece, now the light brightness much higher and the life much longer!

1, We updated the LED bulb: Special packaging with special LED bulb, higher brightness, repeated high temperature sterilization more than 300 times without damage; Continuous lighting for more than 500 hours without damage;

2, We updated the generator: Optimized structure and selected more durable materials, smoother work and more stable output; repeated high temperature sterilization more than 300 times without damage;



Order Code: F22-SP4  
F22-SP2  
Stan push LED handpiece with generator  
标准风电手机



Order Code: F22-TP4  
F22-TP2  
Max push LED handpiece with generator  
大头风电手机



## The main features at a glance

1. Universal to global dental chair, Self-illumination without Connecting Circuit.
2. Perfect stable and reliable performance
3. Professional LED light source, superior brightness, Longevity 10000 hours
4. Unique electric generator, just a little air can generate sufficient power

Fit W&H

Order Code: F19GW-SPQ  
Stan Push optical handpiece  
标准光纤手机



Order Code: F19GW-TPQ  
Max Push optical handpiece  
大头光纤手机



Fit Sirona

Order Code: F19GS-SPQ  
Stan Push optical handpiece  
标准光纤手机



Order Code: F19GS-TPQ  
Max Push optical handpiece  
大头光纤手机



Order Code: SQ-GS  
(Fit into Sirona R/F)



# OPTICAL

## Optic fiber:

Optic fiber imports transmit light which illumination≥25000 LX ensures brightness at preparation area.The function will not decline even if sterilized by high temperature and pressure.

## Durable light:

Imported durable bulb which voltage is 3.3V±0.1V, longevity≥10000hours.



3 air 3 water  
3点喷水 3点喷气

Fit **KaVo**

Order Code:F19GK1-SP

Standard Push optical  
handpiece

标准光纤手机



SCC19-SP  
Standard push Cartridge  
标准开放式机芯

Order Code:F19GK1-TP

Max Push optical  
handpiece

大头光纤手机



SCC19-TP  
Torque push Cartridge  
大头开放式机芯

Fit **KaVo**

Order Code:F19GK-SPQ

Standard Push optical  
handpiece

标准光纤手机



Order Code:F19GK-TPQ

Push optical handpiece  
大头光纤手机



# OPTICAL

Fit **KaVo**



360°water  
adjustor



LED



Order Code:SQ-A3  
(Fit into **KaVo** MULTiflex<sup>®</sup> LUX)



360°water  
adjustor



LED



Order Code:SQ-A2  
Quick Coupling (Water adjustable)  
Compatible with **KaVo** MULTiflex<sup>®</sup> LUX  
可调水光纤快接头通配 **KaVo** MULTiflex<sup>®</sup> LUX



GENERATOR



360°water  
adjustor



LED



Order Code:SQ-A5  
(Fit into **KaVo** MULTiflex<sup>®</sup> LUX)

Fit **NSK**

Order Code:F19GN-SPQ

Stan Push optical  
handpiece

标准光纤手机



Order Code: F19GN-TPQ

Max Push optical  
handpiece

大头光纤手机



Order Code:SQ-GN  
(Fit into **NSK** Machilite/Phatelus<sup>®</sup>)







Three Air Spray  
3点喷水 3点喷气



Clean Head  
卫生机头



Ceramic bearing  
Closed style  
陶瓷带盖轴承

Order Code:G18-SP4  
G18-SP2

Anti-retraction high speed  
standard push handpiece  
**NSK® Pana max-SU**  
卫生机头标准按压手机



Order Code:S18-SP  
Standard Push Cartridge  
开放式标准按压机芯  
Fit PAX-SU03

Order Code:G18-TP4  
G18-TP2

Anti-retraction high speed  
max push handpiece  
**NSK® Pana max-SU**  
卫生机头大头按压手机



Order Code:S18-TP  
Torque Push Cartridge  
开放式大头按压机芯  
Fit PAX-TU03

Order Code:G01-S4  
G01-S2

Standard Head  
High-speed Handpiece  
标准手机



Order Code:G01-SP4  
G01-SP2

Standard Head, Push button  
High-speed Handpiece  
标准按压手机



Order Code:G01-TP4  
G01-TP2

Super Torque Head, Push button  
High-speed Handpiece  
大头按压手机



Order Code:S01-S  
Standard Cartridge  
标准筒夹  
Fit NPA-S03



Order Code:S01-SP  
Standard Push Cartridge  
标准按压筒夹  
Fit NPA-SU03



Order Code:S01-TP  
Super Torque Push Cartridge  
大头按压筒夹  
Fit NPA-TU03



Three Spray  
3点喷水  
Three Air Spray  
3点喷气



Complete Handle  
一体式手柄

Order Code:G03-SP4  
G03-SP2

Six way spray Stan  
push handpiece  
六点喷水标准按压手机



SCC03-SP  
Standard Push Cartridge  
标准开放式按压机芯

Order Code:G03-TP4  
G03-TP2

Six way spray Max  
push handpiece  
六点喷水大头按压手机



SCC03-TP  
Torque Push Cartridge  
大头开放式按压机芯

Contra-angle block teeth high speed handpiece(45°)  
45°角高速手机,特别适合智齿(阻生齿)的切割;  
分割埋伏乳白齿。  
Special Use For The Block Teeth Operation



Order Code:SQ-A3  
(SCHF 19-A3)  
(Fit into KaVo MULTIFLEX LUX)



Order Code:F19-DSPQ  
DSPQ6

Contra-angle block teeth stan push  
optical quick handpiece(6 hole)  
45度阻生齿按压光纤手机



Order Code:F22-DSP

45° LED push button  
handpiece with generator



Order Code:G04-DSP

45° push button handpiece  
45度按压手机



SCC04-SP  
Standard Push Cartridge  
开放式标准按压机芯



## Order Code:B4-6

Interproximal Enamel Kit  
临面去釉套装

## 片切手机及片切沙片:

- 1.适用于隐形矫治;牙釉质外形快速修复。
- 2.邻面片切砂片,拥有金刚砂刀身,持久耐用。
- 3.刀架与刀片采用了更加牢固的锁扣式设计,与各类手机有着良好的兼容性。
- 4.当刀架与手机结合时,可保持完全固定,毫不动摇。
- 5.砂片上有孔,有效排出去釉时产生的水和粉末。

## Rectilinear motion handpiece and carborundum blade:

1. Apply to invisible treatment; rapid repair of dental enamel
2. carborundum blade is stable and durable
3. The blade frame and the blade adopts the locking type design, its more solid, has a good compatibility with all kinds of handpiece
4. When the knife frame put in to handpiece, can be completely fixed, no shake
5. There are holes in the blade, which can effectively discharge the water and powder produced in the glaze

Safty    安全  
Fast    快捷  
Precision    精准上下运动  
up an down movement

Different thicknss for the diamond



不同的厚度单双面金刚砂片切片

有孔式 (双面切砂片) Two side diamond (with hole)	15 μm	15HD	2 PCS
	25 μm	25HD	2 PCS
	40 μm	40HD	2 PCS
	60 μm	60HD	2 PCS
	90 μm	90HD	2 PCS



## OPTICAL

Optical inner channel low speed  
handpiece(6 Hole)

光纤内水道低速手机套装(6孔)

Technical data  
技术参数

工作气压/Air pressure: 0.3Mpa  
转速/Rotation speed: about 20,000 rpm  
夹针方式/Chuck type: 按压式Push button  
适用车针/Bur applicable: Φ2.35-0.016mm(ISO1797-1)  
噪音/Noise: ≤70dB  
喷水/Spray: 内喷水Inner Channel

Optic fiber  
内置光纤titanium metal  
钛金属机身360 degrees of freedom rotary interface  
360度自由旋转式接口

Order Code:D24 SET  
Optical inner channel low speed  
handpiece (6 Hole)  
光纤内水道低速手机套装

## Order Code:D27 SET

Inner channel low speed handpiece  
内水道低速手机套装

Order Code: SH-18  
The head can fit into  
**KAVO 181L**  
**181M,181H**



KAVO Cooling sytle , Air  
and water spay, cooling  
more focusing in the  
middle of files



## Order Code:D17 SET

Inner channel low speed handpiece  
内水道低速手机套装

## Order Code:D16 SET

External low speed handpiece(European Style)  
欧洲款式外水道低速手机套装

## Order Code:D05 SET

External low speed handpiece  
外水道低速手机套装

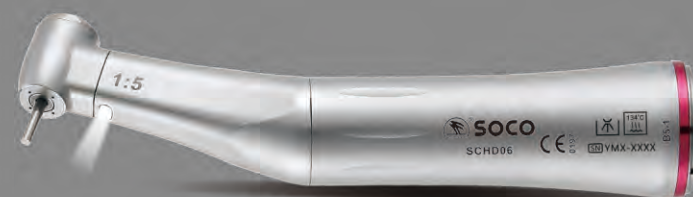
## Inner channel contra angle

1:5 speed increase 增速比弯机  
内水道弯机

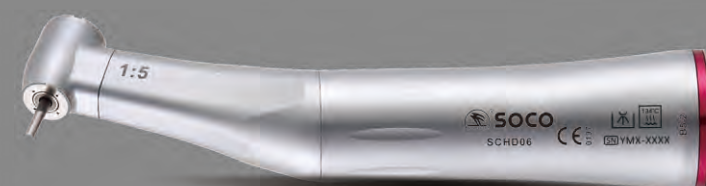


OPTIC FIBER

Push chuck 按压式省时省心  
Stale, quiet and large torque cartridge  
高精密轴芯, 扭力大, 超静音  
Skillful in workmanship, Reliable in quality  
精致入微的切割, 质量更稳定  
Specially for the european style, comfortable feeling  
时尚欧洲设计风格, 把持舒适



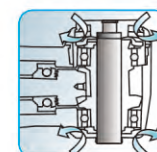
**Order Code: B5-1**  
Optic fiber inner channel  
push button contra angle  
光纤按压内水道弯机(1:5)



**Order Code: B5-2**  
Inner channel  
push button contra angle  
按压内水道弯机(1:5)

## Reduction. Contra

20:1 减速弯机



**Double sealing system**  
Original double sealing system  
reliably prevents blood and bodily  
fluids from entering the instrument  
head, this guarantees longevity of  
the instruments.



**Optic fiber**  
Fiber optic lighting system,  
more clear vision



**Order Code: B20-7**  
20:1 Optical push button  
contra angle for implant  
20:1 光纤种植按压弯机  
(for CA burs  $\Phi 2.35$ )



**20:1 reduction**  
**Technical:**  
**Low speed handpiece: 20:1 speed**  
Chuck type: push button  
Spray: Inner channel and external  
Bur applicable:  $\Phi 2.35_{-0.016}^{+0.016}$  mm (ISO 1797-1)  
Max speed: 2,000 RPM  
Max torque: 75 Ncm  
For implant  
Internal cooling system: Kirschner / Meyer



**Easy to disassemble without tool**  
C6-22 can be disassembled with a simple twist for  
easy internal cleaning, however, when attached to  
a motor, unique locking mechanism makes sure  
the handpiece will not disassemble

## 根管治疗用手机:

Handpiece for endodontic treatment:



**Order Code: SH-20**  
等速弯机(用于根管治疗仪)  
1:1 push button contra angle head  
Fit C-smart Series



**Order Code: SH-21**  
等速弯机(用于根管治疗仪)  
1:1 mini push button contra angle head  
Fit C-smart Series



**Order Code: SH-22**  
等速弯机(用于根管治疗仪)  
1:1 mini push button contra angle head  
1 Fit NSK ENDO-MATE TC2  
ENDO-MATE DT  
ENDO-MATE AT



**Order Code: SH-23**  
减速弯机(用于根管治疗仪)  
16:1 mini push button contra angle head  
1 Fit NSK ENDO-MATE TC2  
ENDO-MATE DT  
ENDO-MATE AT



内外冷却系统设计, 高效冷却  
Two cooling system with diopore-atomization  
高精度变速齿轮, 超强扭力  
High precision gears, Super strong torsion



**Order Code: B20-4**  
20:1 Push button  
contra angle for implant  
20:1 种植按压弯机  
(for CA burs  $\Phi 2.35$ )



## Reduction Contra 4:1减速弯机

**Order Code:B4-1**  
contra angle  
(for CA burs  $\Phi 2.35$ )  
减速取针弯机



**Order Code:B4-2**  
Push button contra angle  
(for CA burs  $\Phi 2.35$ )  
减速按压弯机



**Order Code:B4-6**  
contra angle  
上下运动机头  
Up and down movement  
减速取针弯机



Up and down movement  
上下运动

## Reduction Contra 10:1减速弯机

Fit hand use files  
接手用锉



**Order Code:B10-1**  
Contra angle for Endodontic treatment  
根管治疗用减速弯机  
Max.4000RPM  
90°reciprocating rotate head  
90度往复运动机头



## Reduction Contra 64:1减速弯机

**Order Code:B64-1**  
64:1 contra angle  
(for CA burs  $\Phi 2.35$ )  
64:1减速取针弯机

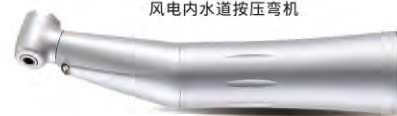


**Order Code:B64-2**  
64:1 Push button contra angle  
(for CA burs  $\Phi 2.35$ )  
64:1减速按压弯机



## GENERATOR 1:1 Internal Contra Angle 内水道弯机

**Order Code:D23-F**  
Inner channel push button  
contra angle with generator  
风电内水道按压弯机



**Order Code:D24-C**  
Inner channel push optical  
button contra angle  
内水道按压弯机



**Order Code:D17-C**  
Inner Channel Contra angle  
内水道弯机

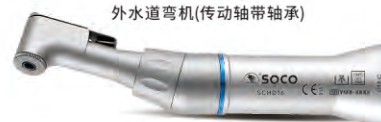


**Order Code:D27-C**  
Inner Channel Contra angle  
内水道弯机



## 1:1 External Contra Angle 1:1外水道弯机

**Order Code:D16-C**  
Contra angle  
(with ball bearing shaft)  
外水道弯机(传动轴带轴承)



**Order Code:D05-C**  
Contra angle  
弯机



**Order Code:D06-CA**  
Push button contra angle  
(for CA burs  $\Phi 2.35$ )  
Max.40.000RPM  
Compatible with **NSK FPB-EC**  
按压弯机



## Surgical Straight Head 外科手术直机

**Order Code:D29-S**  
Surgical Operation 20°  
Straight Head(1:1)  
外科手术20°弯直机



**Order Code:D29-S2**  
Surgical Operation  
Straight Head  
外科手术直机



Straight Head  
直机

Order Code:D24-S

Optical inner Channel  
Straight Head  
光纤内水道直机



Order Code:D27-S

Inner Channel  
Straight Head  
内水道直机



Order Code:D16-S

Straight Head  
外水道直机



Order Code:D17-S

Inner Channel  
Straight Head  
内水道直机



Order Code:D05-S

Straight Head  
外水道直机



Air motors  
气动马达

Order Code:D24-M6

Optical Inner Channel  
Air Motor(6 hole)  
光纤内水道气动马达



Order Code:D27-M4  
D27-M2

Inner Channel Air motor  
内水道马达



Order Code:D17-M4  
D17-M2

Inner Channel Air motor  
内水道马达



Order Code:D16-M4  
D16-M2

External Air Air Motor  
(4 or 2 hole)  
外水道气动马达



Quick Coupling  
手机快接头

ORDER CODE		
	fit into NSK machilite/ phatelus®	SQ-GN Quick coupling for fiber optic handpiece 光纤快接头 (LED)
	fit into W&H Roto Quick®	SQ-GW Quick coupling for fiber optic handpiece 光纤快接头
	360° water adjustor fit into Sirona R/F	SQ-GS Quick coupling for fiber optic handpiece 光纤快接头
	360° water adjustor fit into KaVo® MULTifex® LUX	SQ-A2 Quick coupling for fiber optic handpiece 光纤快接头
	360° water adjustor fit into KaVo® MULTifex® LUX	SQ-A3 Quick coupling for fiber optic handpiece 光纤快接头
	fit into KaVo® MULTifex® LUX	SQ-A4 (Fit into KaVo® MULTifex® LUX) No Light 4孔快接头
	(Fit into KaVo® MULTifex® LUX)	SQ-A5 Quick coupling with generator LED 风电快接头
	for NSK	SQ-1 4 holes quick coupling 4孔快接头(可容于NSK)
	for NSK	SQ-2 2holes quick coupling 2孔快接头(可容于NSK)
	for Sinol	SQ-3 2 holes quick coupling 2孔快接头(可容于西诺)
		SQ-12 2-4 adaptor 2-4 转接头

ORDER CODE	
	SQ-13 4-2 adaptor 4-2 转接头

Cartridge of Contra Angle  
弯机机芯

ORDER CODE	
	(for B5-1, B5-2) SC05-12B Cartridge of push button contra angle 按压机芯
	for NSK FPB-EC SC06-CA Cartridge of push button contra angle 按压机芯
	for NSK SC05-3 Cartridge of contra angle 弯机芯(可容于NSK)
	SC05-3B Cartridge of contra angle 弯机芯
	(for SCHD06-B20-4) SC05-4B Cartridge of contra angle 弯机芯
	for NSK SCHD05-C-11B Lock of contra angle 弯机锁扣

Head Set of Contra Angle  
弯机小头(3件套)

ORDER CODE		
	for NSK	SH-2 (for CA burs $\phi$ 2.35) Max.40,000RPM
	for NSK	SH-4 (for CA burs $\phi$ 2.35) Max.40,000RPM
	for KaVo	SH-18 (for CA burs $\phi$ 2.35) Max.40,000RPM
	for NSK	SH-9 (for CA burs $\phi$ 2.35) Max.40,000RPM for Implant
	for NSK	SH-19 (for CA burs $\phi$ 2.35) Max.40,000RPM for Implant
	for NSK	SH-8 Max.5,000RPM Prophylaxis

ORDER CODE	
	for NSK SH-13 (for CA burs $\phi$ 2.35)(迷你) Max.30,000RPM (MINI head)
	for NSK SH-10 90°reciprocating rotate head
	for NSK SH-11 Up and down movement
	for NSK SH-12 (for file burs) Max.4000RPM hand use files



Cartridge of High Speed Handpiece  
高速手机机芯

FOR KaVo®		ORDER CODE
	KAVO 4500	SK-01
	KAVO650 PB	SK-02
	KAVO 8000	SK-03
	KAVO 6500B PB TURBINE	SK-04
	KAVO 655PB/660B/C	SK-05
	KAVO 625/630/640PB/ 625/625C/625D/603/ 606/607/627	SK-06
	KAVO 659B	SK-07
	KAVO 635PB/637B	SK-08
	KAVO 636/646 KAVO 625CD	SK-09
	KAVO PB TURBINE 632/633/645, Bella torque 639/642/643	SK-10
	KAVO 634 MAGNO KAVO 634 PB COMPANION KAVO 604/632/632DA	SK-11
	KAVO647/649PB	SK-12
	KAVO PB6000/7000	SK-13

Gear  
齿轮

	for NSK	D-C2-G Gear of shaft 齿轮
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Shaft of Contra angle 弯机传动轴		ORDER CODE
	(for SCHD06-B20-4)	D-C13 Shaft of impant contra angle 种植弯机轴
	(for SCHD06-B20-1)	D-C12 Shaft of impant contra angle 种植弯机轴
	(for SCHD06-B20-2)	D-C11 Shaft of impant contra angle 种植按压弯机轴
	(for SCHD06-B10-1/2)	D-C10 Shaft of endodontic treatment contra angle 弯机轴
	(for NSK)	D-C2 Shaft of contra angle 弯机轴
	(for NSK FPB-EC)	D-C3 Shaft of push contra angle 按压弯机轴

FOR W&H®		ORDER CODE
	W&H617 TA-96 SYNEA PB MINI	SW-01
	C-SWSABT/Trend	SW-02
	W&H Sabra PB small	SW-03
	W&H 198 TOP AIR 198/898	SW-04
	W&H Synea TA-98 large PB turbine/ ALLEGRA TE95/TE98	SW-05
	W&H196/896 TOP AIR	SW-06
	W&H TA-97	SW-07

FOR NSK®		MODEL
	NPA-M03	S01-M Mini cartridge 迷你机芯
	NPA-S03	S01-S standard cartridge 标准机芯
	NPA-T03	S01-T torque cartridge 大头机芯
	NPA-MU03	S01-MP Mini push cartridge 迷你按压机芯
	NPA-SU03	S01-SP standard push cartridge 标准按压机芯
	NPA-TU03	S01-TP torque push cartridge 大头按压机芯
	PAX-SU03	S18-SP standard push cartridge 标准开放式按压机芯
	PAX-TU03	S18-TP torque push cartridge 大头开放式按压机芯
	NMC-SU03 (MC-QD)	S18-M-SP standard push cartridge 按压机芯



	(for SCHD05-C-2C)	D-C4 Shaft of contra angle 弯机轴
	(for SCHD05-C-3C)	D-C5 Shaft of contra angle 弯机轴
	(for SCHD23/24/23-F) SCHD17-C	D-C7 shaft of internal contra angle 内水道弯机轴
	(for SCHD16-C)	D-C8 Shaft of contra angle 弯机轴
	For 1:5 Contra angle	D-C14 Shaft of 1:5 Contra Angle

LED BULB 灯泡

						
Model	SCHF19-D1	261-2	SCHF19-D3	SCHF19-D4	SCHF19-D5	261-2
Applicable	NSK Machilux/Phaetlux	W&H Reto Quick	Kavo® MULTIline/LUX	SCHD23 M6/SCHD24-M4	SCHF22-SP/TP	Sirona® coupling
Voltage	DC3.0~3.4V					
Currents	80mA-150mA					
Luminance	40,000 lux					
Color temperature	5,000k-5500k					


SHAFT OF CARTRIDGE 机芯轴

		ORDER CODE
	For NSK For W&H For KaVo	SCH10-SP Push button shaft 按压机芯轴 (长)
	For NSK For W&H For KaVo	SCH10-SP2 Push button shaft 按压机芯轴 (短)

		ORDER CODE
	For NSK	SCH10-S shaft 机芯轴 (长)
	For NSK	SCH10-T shaft 机芯轴 (短)

MOQ: 100set Wave gasket 弹片

		ORDER CODE
	for NSK/W&H	SCH16-2 Wave gasket 三点弹片

		ORDER CODE
	for NSK/W&H	SCH16-3 Wave gasket 浪形弹片

O-RINGS O型圈

MOQ:100SET

规格/Volume	型号/Model	规格/Volume	型号/Model
ø1.5xø0.8	Oring 1#	ø6.2xø0.8	Oring 9#
ø2.0xø0.8	Oring 2#	ø6.2xø1	Oring 10#
ø2.0xø1.0	Oring 3#	ø6.8xø0.8	Oring 11#
ø2.5xø1.0	Oring 4#	ø8xø0.5	Oring 12#
ø4.2xø0.85	Oring 5#	ø11xø1.0	Oring 13#
ø6.0xø0.8	Oring 6#	ø11.5xø1	Oring 14#
ø6.0xø1.0	Oring 7#	ø12xø0.6	Oring 15#
ø6.2xø0.7	Oring 8#	内径ø1xø0.9	Oring 16#



BEARING 机芯轴承

ORDER CODE		
	For NSK For W&H For KaVo For Sirona (Ø6.35XØ3.175X2.38)	SCH14-2 Steel bearing with cover for high speed handpiece 高速钢珠带防尘盖轴承
	(Ø10XØ5X4)	SCH14-4 Steel bearing for straight head 直机大轴承
	(Ø8XØ4X3)	SCH14-5 Steel bearing for straight head 直机小轴承
	(ø7Xø4x2)	SCH14-6 Steel bearing for contra angle 弯机轴承
	For W&H For KaVo (ø6.35Xø3.175x2.38)	SCH14-7 Ceramic bearing with cover for high speed handpiece 高速陶瓷带防尘盖轴承
	For Bien air (ø3.175Xø7.938Xø3.571)	SCH14-8 Steel bearing for high speed handpiece 高速轴承
	For KaVo (ø6.35Xø3.175Xø5.97 X2.38X1.34)	SCH14-9 Steel bearing for high speed handpiece with step 高速轴承（带台阶）
	For KaVo (ø6.35Xø3.175Xø5.97 X2.78X1.34)	SCH14-10 Steel bearing for high speed handpiece with step 高速轴承（带台阶）
	For W&H For KaVo (ø6.35Xø3.175x2.78)	SCH14-11 Steel bearing for high speed handpiece 高速轴承
	(ø5Xø2x2.5)	SCH14-12 Steel bearing for shaft of contra angle 内水道弯机轴承
	(ø7Xø4x2.5)	SCH14-13 Steel bearing contra angle 内水道弯机轴承
	(ø8Xø5x2.5)	SCH14-14 Steel bearing straight head 内水道弯机轴承
	(ø7.938Xø2.38x3.572)	SCH14-15 Steel bearing for contra angle or motor 弯机/马达轴承
	(ø6Xø3x2)	SCH14-16 Steel bearing for contra angle 弯机轴承
	For NSK For W&H For KaVo For Sirona (Ø6.35XØ3.175X2.38)	SCH14-17 Myonic German Bearing 德国轴承
	SCH-16-1 4 or 6 hole gasket 手机尾垫	 SCH-16 2 hole gasket 手机尾垫

GENERANTOR 电机

ORDER CODE	
	SCHF19-G Generantor 电机

HEAD CAP OF HANDPIECE 机芯轴承

ORDER CODE	
	( For SCHG01-S ) SCH01-A Standard head cap(wrench chuck) 标准手机后盖
	( For SCHG01-T ) SCH01-B Torque head cap(wrench chuck) 大头手机后盖
	( For SCHG01-SP ) SCH01-C Standard head cap(push chuck) 标准按压手机后盖
	( For SCHG01-TP ) SCH01-D Torque head cap(push chuck) 大头按压手机后盖
	( For NSK PANA-MAX ) SCH01-E Standard head cap(wrench chuck) 标准手机后盖
	( For NSK PANA-MAX ) SCH01-F Torque head cap(wrench chuck) 大头手机后盖
	( For NSK PANA-MAX ) SCH01-G Standard head cap(push chuck) 标准按压手机后盖
	( For NSK PANA-MAX ) SCH01-H Torque head cap(push chuck) 大头按压手机后盖
	( For SCHF22-SP ) SCH01-I Standard head cap(push chuck) 标准按压手机后盖
	( For SCHF22-TP ) SCH01-J Torque head cap(push chuck) 大头按压手机后盖
	( For SCHD05-C ) SCH01-K Cover for contra angle cartridge 弯机机芯盖
	( For SCH05-C-1M ) SCH01-L Cover for contra angle cartridge 弯机机芯盖
	( For SCHD06-B16-3C ) SCH01-M Cover for contra angle cartridge 弯机机芯盖

ACCESSRIES OF HANDPIECE 手机附件

	For NSK	SCH-11 Spanner 卸针器		{ for schD06-B20-7 }	SCH-18-4 Tubing 种植弯机水卡
	(for schD06-B20-1 )	SCH-18 Tubing for low speed handpiece 低速水管		300ML	SCH-03 Handpiece oil 300毫升手机油
	{ for schD29-S }	SCH-18-1 Tubing 弯直机水卡		550ML	SCH-05 Handpiece oil 550毫升手机油
	(for schD06-B20-2 )	SCH-18-2 Tubing 种植弯机水卡			

	SCH-17 Cartridge repair kit 牙科手机专业维修工具
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	SCH-17-2 Low speed handpiece repair kit 低速手机专业维修工具
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	SCH-17-3 Bearing Remover 轴承拆卸工具
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## SC-M5

### DENTAL ELECTRIC MOTOR

#### 电动马达

Brushless 无碳刷 LED

简单方便的操作系统  
仅将气动四孔的管线直接与C-PUMA连接  
可用原来的脚踏开关控制电动马达运转!

广泛的转速调节功能  
根据不同的用途,配套不同的牙科手机,可在  
100--200,000转/分范围内调节转速!

轻便小巧,转矩大,长度重量符合人体工程设计,  
有效减轻长时间操作的疲劳感马达可高温高  
压消毒灭菌!

#### Simple operating system

Connect the dental unit to the C-Puma with a 4 holes tubing,  
use the foot pedal to control the electric motor.

#### The New-Gen of technology micromotor C-Puma

According to the different treatments and different  
handpieces, the speed can be adjusted from  
100-200,000rpm/min.

#### Compact and handy, high torque

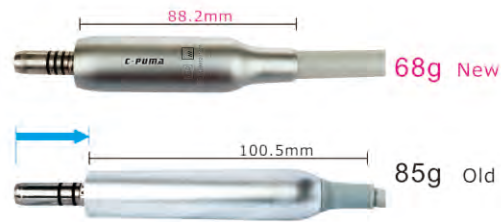
Ergonomic designed length and weight greatly reduce the  
fatigue from long time operation, the motor can be sterilized.



1. 牙椅4孔软管接上控制盒  
Plug the 4 holes tubing from the  
dental unit to the control box



2. 电源供应线接上控制盒并开启  
Plug the power cord to the  
control box and turn on



可选择速度比弯机: 16:1, 1:1, 1:5

RPM	16:1	1:1	1:5
100	1,600		
1,000	16,000		
2,000		2,000	
2,500		25,000	
10,000			10,000
40,000			400,000
200,000			

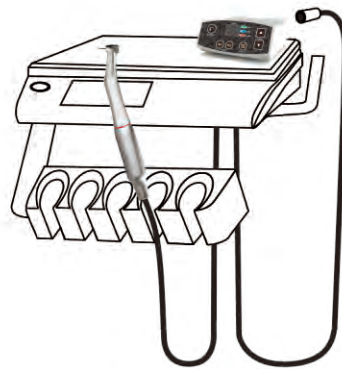


可用不超过135°C温度进行高温高压灭菌  
(仅适用于微型马达)  
Can be sterilized under the  
temperature up to 135°C  
(only for the micro motor)

#### 新一代无刷微型马达

具有如下优势:理想平衡、重量超轻、尺寸小,  
使您长时间手术不觉疲劳,具有强大的功能、带LED照明。

The New-Gen of technology brushless micromotor  
Advantages: perfect balance, ultra light, mini size  
Fatigue free after long time use, powerful functions,  
with LED illumination.



## 可选配: OPTION



Order Code: B5-1  
Optic fiber inner channel  
push button contra angle  
光纤按压内水道弯机(1:5)



Order Code: D24-C  
Optic fiber inner channel  
push button contra angle  
光纤内水道低速手机(1:1)

#### 技术参数

- 功率: 120W
- 转速范围: 2000rpm-40000rpm (1:1)  
125rpm-2500rpm(16:1)  
10000rpm-200000rpm(1:5)  
LED亮度> 25000LUX  
最大输出扭矩: 3.5N.cm
- 外包装规格: 29x23x11cm
- 重量/台: 2.3kg
- 箱数: 8件

#### Technical

- Power: 120W
- Speed range :2000rpm-40000rpm (1:1)  
125rpm-2500rpm(16:1)  
10000rpm-200000rpm(1:5)  
LED Maximum>25000LUX  
torque output : 3.5N.cm
- Volume:29x23x11cm
- Weight/pcs:2.3kg
- QTY per master carton : 8 pc/ctn

## SC-M6

### DENTAL ELECTRIC MOTOR (BUILT IN TYPE)

#### 电动马达(内置装机式)



Brushless 无碳刷 LED

## Feature

- Brushless electrical motor, silence and free from maintenance.
- Inner channel spray.
- LED illumination.
- Motor can be sterilized.
- Built-in Smart control system, easy to install.
- Speed and direction are adjustable.
- LED intensity and Delay time are adjustable.

## 功能特点

- 无碳刷电动马达、静音、免维护;
- 内水道喷雾;
- LED照明;
- 马达可高温高压灭菌;
- 内置装机式智能控制系统、方便安装;
- 转速、转向可调整;
- LED光照强度和延迟时间可调整。

## Technical

- Input : AC24V
- Maximun speed: 40,000 rpm
- Maximun torque: 3.5 N.cm
- Fit to ISO3964 contra angle and straight handpiece
- Volume: 29x19x7cm
- Weight/pcs: 0.8 kg
- QTY per master carton :10pc/ctn  
Fit to ISO3964 contra angle and straight handpiece

## 技术参数

- 输入电源: AC24V
- 最高转速: 40,000 rpm
- 最大扭矩: 3.5 N.cm
- 适用于符合ISO3964的弯机和直机
- 外包装规格: 29x19x7cm
- 重量/台:0.8 kg
- 箱数:10件



接牙椅电源:AC 24V,4A  
气动电动可选择,LED亮度可调  
Power source from dental unit: AC 24V 4A;  
Available to be driven by Air or Electricity,  
Intensity of the LED light is adjustable



可用不超过135°C温度进行高温高压灭菌  
Can be sterilized under the temperature  
up to 135°C



转向按钮和转速调节旋钮  
Buttons for changing the direction  
and rotate speed

## 可选配: OPTION



Order Code: B5-1  
Optic fiber inner channel  
push button contra angle  
光纤按压内水道弯机(1:5)



Order Code: D24-C  
Optic fiber inner channel  
push button contra angle  
光纤内水道低速手机(1:1)



## C-PUMA INT+

DENTAL ELECTRIC MOTOR  
电动马达



### Feature:

- 1-Wide viewing angle color LCD screen;
- 2-Big size color LCD,rich information display
- 3-Touch key control, easy to use;
- 4-Built-in, control panel can be easily installed at any angle
- 5-Pneumatic / manual start automatically switch;
- 6-built-in 7 program memory;
- 7-Custom the air pressure of starting motor;
- 8-LED lighting delay off time is adjustable.
- 9-Speed, steering can be adjusted;
- 10-The motor can be autoclaved;

order name:**C-PUMA INT+** **Brushless** **LED**

### 全能搭配

帮您轻松解决各种口内治疗  
或是口外假牙修复帮你完成  
90%以上的工作

### Technical:

Input power:	AC24V
Maximun speed:	40,000rpm
Maximun torque:	3.0N.cm
Fit to ISO3964 contra angle and straight handpiece	
3.0-inch LCD screen resolution: 240 * 400	
Motor diameter: 20.6mm	



Built-in, easily installed at any angle

### 可选配: OPTION



Order Code: B5-1  
Optic fiber inner channel  
push button contra angle  
光纤按压内水道弯机(1:5)



Order Codel D24-C  
Optic fiber inner channel  
push button contra angle  
光纤内水道低速手机(1:1)

## MEDICAL SADDLE CHAIR 医用马鞍椅

## SCD05

### Technical:

Personality innovation design, the distribution of the gravity rotating seats, release the leg nerve, reduce the pressure  
buffer chair cushion on the thigh, promote the blood circulation.

Chair face	Chair surface material	Microfiber leather,built-in high rebound sponge,plastic plate
	The cushion size	445mm*400mm
	Back of a chair size	400mm*260mm
chassis	function	Back of the chair leaning back regulation 10 of the chair and chassis back regulation 10
Steam lever	Adjust the stroke	120mm-180mm
	Lift way	Steam lifting
Chair foot	The material	Zinc alloy die casting
	Surface treatment	Polishing
	The diameter of	560mm
	Load capacity	550KG
castor	The material	High quality imported mute casters
size	Highest seat cushion	610mm
	Lowest seat cushion	485mm
	Weight of the seat	8.3Kg
	Packing weight	9.8kg
	Packing size	560x570x290mm



## SCD06

### Technical:

"Riding type" posture is the most close to the standing posture, the body make hip and knee Angle increases to 135 degrees, to reduce the stress of  
tendon to the human body, muscle and knee relatively relaxed, thus promotethe blood circulation,avoid affect sciatic nerve function.

Chair face	Chair surface material	PU leather,sponge,built-in injection molding plate
	The cushion size	440mm*380mm
	Back of a chair size	400mm*260mm
chassis	function	Back of the chair leaning back regulation 10 of the chair and chassis back regulation 10
Steam lever	Adjust the stroke	120mm-180mm
	Lift way	Steam lifting
Foot	Texture of material	Zinc alloy die casting
	Surface treatment	Polishing
	diameter	400mm
Chair foot	The material	Zinc alloy die casting
	Surface treatment	Polishing
	The diameter of	540mm
	Load capacity	550kg
castor	The material	High quality imported mute casters
size	Highest seat cushion	760mm
	Lowest seat cushion	575mm
	Weight of the seat	9.5Kg
	Packing weight	11kg
	Packing size	560x570x290mm





# 使用负压抽吸系统的必要性

## NECESSITY OF USING DENTAL SUCTION UNIT

在口腔治疗过程中,由于牙科手机等医疗器械在治疗时产生的水雾中含有大量的细菌及病毒会弥漫在整个诊室的空气中,从而增加医护人员交叉感染的危险,尤其是在治疗过程时对牙科医生的健康构成了极大的危害。森川负压抽吸系统通过大流量的抽吸功率及时的抽走治疗中产生的水雾等废液,营造一个真正干净、舒适的诊疗环境。

During the oral operation,the dental handpiece and other medical device will release the water mist with lots of bacteria and viruses,Which will be filled in the entire clinic,thus increasing the risk of cross-infection of health to the people,especially harm to the dentist. SOCO vacuum suction system will timely suck away the waste water,waste air etc by powerful suction capacity,and creating a truly clean and comfortable clinic environment.



内置水气分离系统采用两级分离,具有更高泡沫耐受性

Built-in two step water and air separation system,with a higher foam-proof

大流量水气分离设计,水汽分离效率更高

Large flow water vapor separation design,water and gas separation efficiency is higher

抽吸、分离共一个驱动器,保证抽吸时连续稳定运行

Suction and separation in a same common drive,to ensure the continuous operation of the pump when pumping.

高品质、强劲的驱动马达,数秒内即可产生强劲抽吸动力


High quality,strong drive motor, a few seconds can generate strong suction power


分离装置采用优质铝合金加工制造,表面腐处理,延长设备使用寿命。


The separation device are made with high quality aluminum alloy,surface anti-corrosion treatment, it can prolong the service life of the equipment

整机采用优化简洁设计,有效降低设备故障率,确保设备运行更加稳定,维护更方便。

Suction and separation in a same common drive,to ensure the continuous operation of the pump when pumping.

型号 Model	
<b>SC-V102</b>	
电压 (V) Voltage	220-240
频率 (Hz) Frequency	50/60
功率 (W) Power	550/630
真空度 (Kpa) Degree of vacuum	-130/-140
噪音 (db) Noise	≤62
操作者数量 No.ofoperator	1
椅位数量,以60%同时使用 No.of dental unit,based on 60% use in same time	1-2
重量 (kg) Weight	27
体积 (mm) Size	410×340×550

型号 Model	
<b>SC-V103</b>	
电压 (V) Voltage	220-240
频率 (Hz) Frequency	50/60
功率 (W) Power	700/830
真空度 (Kpa) Degree of vacuum	-150/-160
噪音 (db) Noise	≤65
操作者数量 No.ofoperator	2
椅位数量,以60%同时使用 No.of dental unit,based on 60% use in same time	2-3
重量 (kg) Weight	31
体积 (mm) Size	440×350×550





























































































































































型号 Model	
<b>SC-V104</b>	
电压 (V) Voltage	220-240
频率 (Hz) Frequency	50/60
功率 (W) Power	1100/1300
真空度 (Kpa) Degree of vacuum	-160/-180
噪音 (db) Noise	≤65
操作者数量 No.ofoperator	3
椅位数量,以60%同时使用 No.of dental unit,based on 60% use in same time	3-4
重量 (kg) Weight	37
体积 (mm) Size	440×350×600

### 接口示意 Interface schematic





D 金刚砂车针系列  
IAMOND-BURS SERIES




 TF-11 173/014	 TF-12 173/016	 TF-13 173/018	 TF-14 172/023	 TF-20 171/014	 TF-21 171/016	 TF-22 170/021	 TF-23 170/018	 TF-31 170/016	 TF-41 169/011	 TF-42 170/012	 TF-43 170/014	 TR-11 199/016
TF Series						TR Series						
 TR-12 199/016	 TR-13 198/018	 TR-14 198/022	 TR-15 200/022	 TR-19 200/024	 TR-20 197/014	 TR-21 197/016	 TR-24 197/018	 TR-25 199/016	 TR-26 199/018	 TC-11 160/016	 TC-21 160/014	 TC-26 160/012
TC Series												
 FO-11 299/012	 FO-21 298/014	 FO-22 298/016	 FO-25 257/028	 FO-27 257/032	 FO-32 257/018	 SF-11 111/012	 SF-12 111/014	 SF-13 111/016	 SF-21 110/014	 SF-31 109/013	 SF-41 109/010	 SO-20 288/012
FO Series				SF Series				SO Series				
 SO-21 289/014	 SR-11 141/012	 SR-12 141/014	 SR-13 141/018	 RS-11 553/019	 RS-21 545/018	 RS-31 554/018	 EX-11 039/032	 EX-12 039/035	 EX-20 237/018	 EX-21 237/021	 EX-24 220/017	 EX-26 237/032
SR Series				RS Series				EX Series				
 EX-31 234/014	 EX-41 237/010	 BR-31 001/018	 BR-40 001/016	 BR-41 001/014	 BR-45 001/010	 BR-46 001/012	 BR-49 001/008	 BC-31 002/013	 BC-42 002/014	 BC-43 002/012	 DI-41 019/010	 DI-42 019/014
BR Series				BC Series				DI Series				
 SI-45 010/010	 SI-46 010/012	 SI-47 010/014	 SI-48 010/016	 WR-13 068/042	 TF-S20 171/014	 TF-S21 171/016	 TF-S22 170/021	 TF-S23 170/018	 TF-S31 170/016	 TF-S41 169/011	 TR-S13 198/018	 TR-S21 197/016
SI Series				WR Series				S Series				
 TC-S21 160/014	 FO-S21 298/014	 SO-S20 288/012	 BR-S45 001/010	 BR-S46 001/012	 BC-S42 002/014	 BC-S43 002/012	 DI-S41 019/010	 SI-S46 010/012	 SI-S48 010/016	 TF-S331 198/016	 TR-S221 197/016	 DI-S441 019/010
SS Series												
 TF-13C 173/018	 TR-13C 198/018	 TR-62C 197/018	 TC-11C 160/016	 FO-32C 257/018	 FO-54C 190/018	 SF-12C 111/014	 BR-31C 001/018	 SI-47C 001/014	 WR-13C 068/042	 TF-12F 173/016	 TF-21F 171/016	 TR-11F 199/016
C Series						F Series						
 TR-13F 199/018	 TR-21F 197/016	 TR-25F 199/016	 TR-26F 199/018	 TC-11F 160/016	 TC-21F 160/014	 FO-21F 298/014	 FO-22F 298/016	 EX-18F 150/012	 EX-21F 237/021	 BR-48F 001/006	 WR-31F 304/016	 WR-S31F 304/016
 TF-12EF 173/016	 TF-21EF 171/016	 TR-11EF 199/016	 TR-13EF 198/018	 TR-21EF 197/018	 TR-25EF 199/016	 TR-26EF 199/018	 TC-11EF 160/016	 TC-21EF 160/014	 FO-21EF 248/014	 FO-22EF 298/016	 EX-21EF 237/021	 CR-111F 196/020
EF Series						CR Series						
 CR-11EF 196/019	 CR-12F 196/015	 CR-12EF 198/014	 CR-21F 197/012	 CR-22F 289/013	 FO-30F 254/017	 FO-20EF 248/014	 FO-40EF 243/010	 FO-41EF 248/012	 FO-42EF 248/012	 BR-40EF 001/010	 CD-50F 001/006	 CD-51F 138/007
CD Polishing Series												
 CD-52F 138/007	 CD-53F 161/007	 CD-54F 246/006	 CD-55F 254/009	 CD-56F 246/007	 CD-57F 247/007	 CD-58F 108/008	 CD-59F 171/013	 BR-30 001/023	 WR-11 068/042	 WR-18 068/042	 FO-25C 257/028	 EX-28 655/018
CD Series												

SC-B10  
10支透明盒装 10 Burs Transparent Plastic Packing  
不同盒子颜色:蓝色/黄色/绿色/红色  
Different Box Color:Blue/Yellow/Green/Red




SC-BOOK  
车针样板本 Diamond Burs Book




 HR21R				
 5				
Dia. (φ 1/10mm)	008	010	012	014
Length(mm)	4.0	4.5	4.5	5.0
ISO No. 500.104.137.006	008	010	012	014
Order No. (USA) Hpz	1106	1157	1158	1109




## HP.Carbide Burs HP低速直柄钨钢车针












HR1



5


















Dia. ( 1/10mm)	010	012	014	016	018	021	023
Length(mm)	010	012	014	016	018	021	023
ISO NO.500.104.107.006	009	010	012	014	016	018	023
Order No. (USA) Hpz	2	3	4	5	6	7	8

 HR31							
 5							
Dia. (1/10mm)	008	010	012	014	016	018	021
Length (mm)	3.8	4.2	4.2	4.4	4.4	4.9	5.1
ISO No.500.104.107.007	008	010	012	014	016	018	021
Order No. (USA) Hpz	556	557	558	559	560	561	562

## FG.Carbide Burs

FG钨钢车针

 FG	 FG	 FG	 FG	 FG	 FG
Dia. (1/10mm)	08	10	12	14	16
Length(mm)	0.8	1.0	1.2	1.4	1.6
ISO NO.500.314.001	001.008	001.010	001.012	001.014	001.016
Order .NO.	1	2	3	4	5

 FG	 FG	 FG	 FG	 FG	 FG
Dia. (1/10mm)	08	10	12	14	16
Length(mm)	3.6	3.8	4.2	4.4	4.4
ISO NO.500.314.168	007.009	007.010	007.012	007.014	007.016
Order .NO.	698	700	701	702	





simple&smart  
we make dental units  
ITALIA

**SS**\_ONE

## TECHNICAL DATA

Power dissipation	AC220-230V,50/60Hz,350VA Or AC110V~120V 50/60Hz, 350VA
Illuminance of dental light	8000-25000 Lux
Illuminance of dental light	$\geq 2000 \text{cd/m}^2$
Carrying capacity of dental chair	1323N (135kg)
Carrying capacity of Dentist Unit tray	2.5kg
High-speed air turbine handpiece	Idling speed $\geq 35 \times 10^3 \text{ r/min}$ (Air pressure: 0.22Mpa)
High-speed air turbine handpiece	Idling speed $\geq 18 \times 10^3 \text{ r/min}$ (Air pressure: 0.3Mpa)
The highest position of the patient chair from the ground	800mm
The lowest position of the patient chair from the ground	400mm
Backrest movement range	$109^\circ - 172^\circ$
Headrest extension range	0-100mm
Air supply pressure	0.55-0.80Mpa
Water supply pressure	0.2-0.4Mpa
Main Line Fuse	250V 6A( 220V input) 250V 10A( 110V input)
Power cord	227 IEC(RVV)3x0.75mm <sup>2</sup>

[www.simplesmart.it](http://www.simplesmart.it)

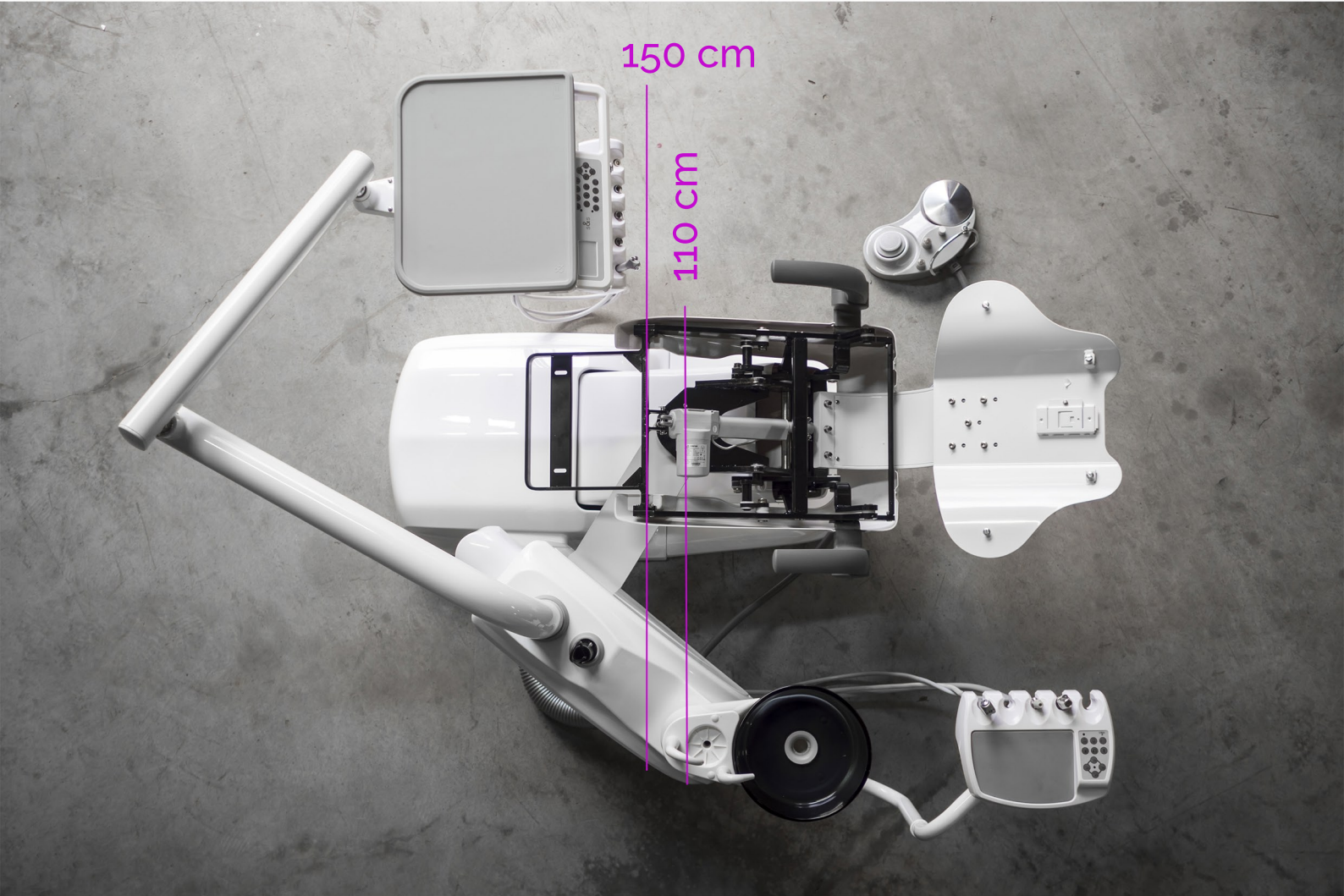
SIMPLE&SMART SRL, VIA PEROLA 16, 24021, ALBINO (BG), ITALY. VAT: 04077160168. TEL: +393405872688



SS\_ONE +

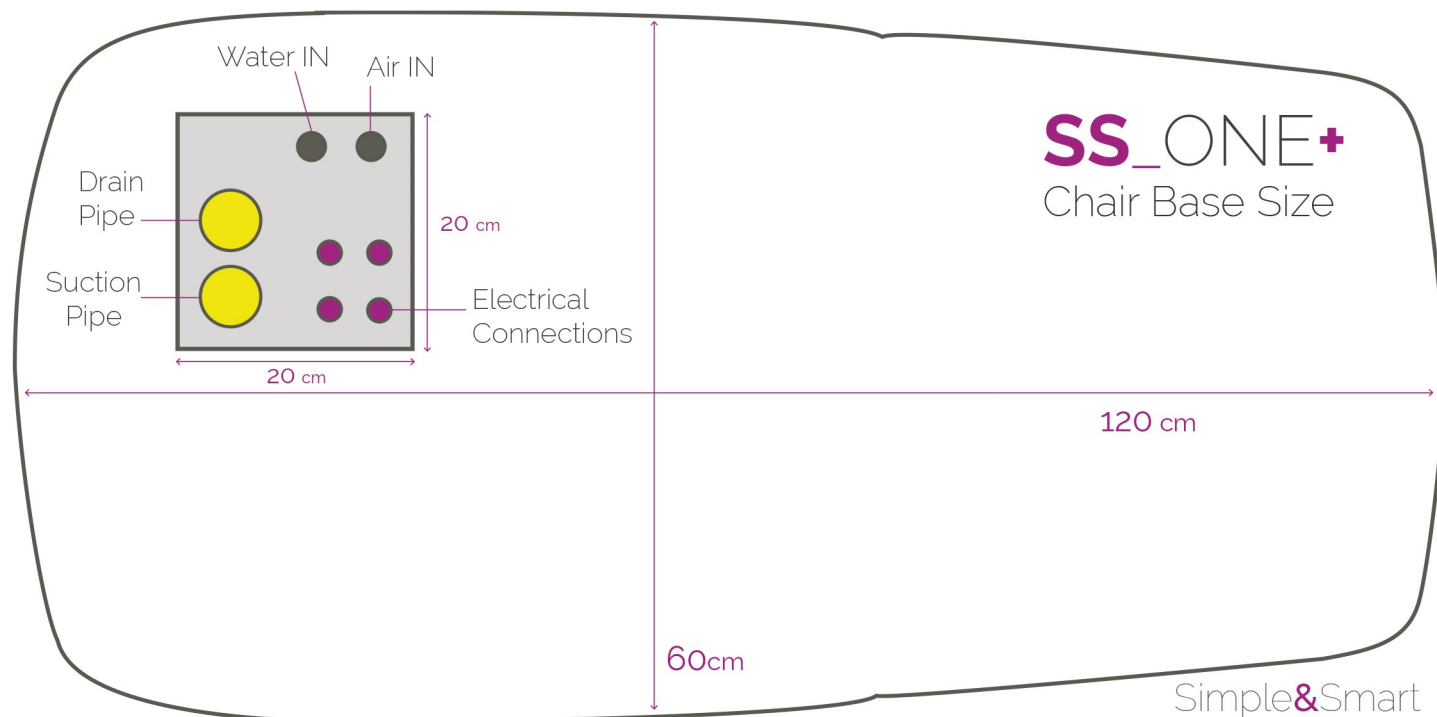






min from floor to seat 42 cm

max from floor to seat 85 cm





# Certificate

**Quality Management System**  
**EN ISO 13485:2016**

Registration No.: SX 2056447-1

Organization: Foshan SOCO Precision Instrument  
Co., Ltd.  
2Fl. Bldg 3, District A, Guangdong  
New Light Source Industrial Base  
Luocun, Shishan Town, Nanhai District  
Foshan City  
528226 Guangdong  
P.R. China

Scope: Manufacture and Distribution of Dental Handpieces, Dental Root Canal  
Instruments.  
Design and Development, Manufacture and Distribution of Operation  
Microscopes.

**TÜVRheinland**<sup>®</sup>

The Certification Body of TÜV Rheinland LGA Products GmbH certifies that the organization has established and applies a quality management system for medical devices.  
Proof has been furnished that the requirements specified in the abovementioned standard are fulfilled. The quality management system is subject to yearly surveillance.

Report No.: 10917851-100  
Effective date: 2021-03-11  
Expiry date: 2024-03-10  
Issue date: 2021-03-11



Dipl.-Ing. W. Hsu  
TÜV Rheinland LGA Products GmbH  
Tillystraße 2 · 90431 Nürnberg · Germany

# EC Certificate



## Production Quality Assurance Directive 93/42/EEC on Medical Devices, Annex V

Registration No.: DD 2056447-1

Manufacturer: Foshan SOCO Precision Instrument  
Co., Ltd.  
2Fl. Bldg 3, District A, Guangdong  
New Light Source Industrial Base  
Luocun, Shishan Town, Nanhai District  
Foshan City  
528226 Guangdong  
P.R. China

Products: High-speed Air Turbine Handpieces, Dental Low Speed Handpieces  
including Straight and Geared Angle Handpieces and Air Motors, Dental  
Root Canal Instruments

Replaces Approval, Registration No.: DD 60144326 001

TÜVRheinland

The Notified Body hereby declares that the requirements of Annex V of the directive 93/42/EEC have been met for the listed products. The above named manufacturer has established and applies a quality assurance system, which is subject to periodic surveillance, defined by Annex V, section 4 of the aforementioned directive. For placing on the market of class IIb and class III devices covered by this certificate an EC type-examination certificate according to Annex III is required.

Report No.: 10918784-100

Effective date: 2021-05-25

Expiry date: 2024-05-26

Issue date: 2021-05-25



A handwritten signature in blue ink, appearing to read 'W. Hsu'.

Dipl.-Ing. W. Hsu  
TÜV Rheinland LGA Products GmbH  
Tillystraße 2 · 90431 Nürnberg · Germany

TÜV Rheinland LGA Products GmbH is a Notified Body according to Directive 93/42/EEC concerning medical devices with the identification number 0197.