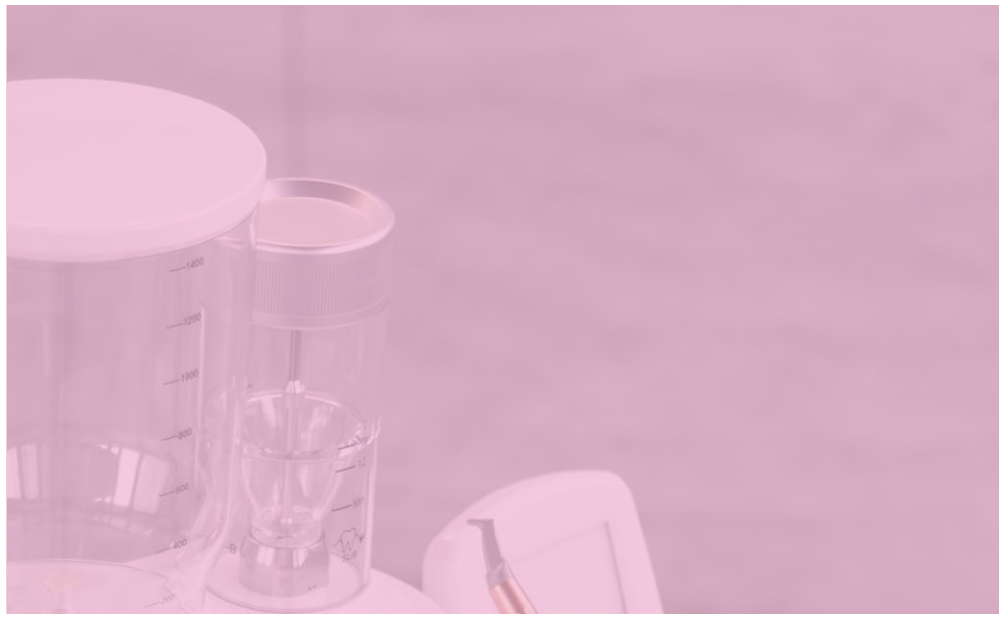


# simple&smart HYGIENE



Shine bright like a diamond



# 1 HYGIENE DENTAL UNIT





STATE • OF • THE • ART  
perio treatment protocol

## FIVE - IN - ONE

- Air polishing
- Periodontal treatment
- Endodontic treatment
- Restoration preparation
- Implant maintenance

## AIR POLISHING

- Realize both supragingival and subgingival scaling
- 12 levels of water volume and power adjustment for precise treatment
- 4 temperature settings for added comfort

## ULTRASONIC SCALING

- 3 modules: G P E
- 4 functions:
  - Periodontal treatment
  - Endodontic treatment
  - Cavity preparation
  - Implant maintenance

To offer a one-stop  
ultrasonic solution

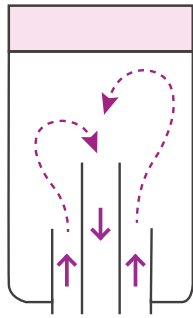
## SYSTEM SETTING

- Central processing interface
- Multiple mode selection
- One-button switch

# HYGIENE DENTAL UNIT

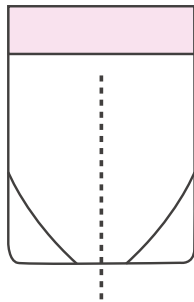
# FEATURES

## ONE-OF-KIND POWDER TANK



## INNOVATIVE AIR INTAKE / EXHAUST SYSTEM

- Industry-leading concentric air intake / exhaust system
- Improve airflow consistency
- More uniform powder output



## FUNNEL-SHAPED DESIGN

- Centrosymmetric funnel-shaped structure
- Aerodynamic simulation design
- More stable powder output
- More efficient scaling



## FULLY-TRANSPARENT BODY

- Fine scales, double-sided notations
- Transparent tank body allows real-time observation of powder flow and its remaining amount

## EFFORTLESS INSTALLATION

- Plug-in powder tank can be installed at any angle
- 360° rotatable for added convenience
- Easier to add powder

# HYGIENE DENTAL UNIT

# FEATURES



## ADVANCED HANDPIECE DESIGN

All-metal and light handpiece for added durability and comfort

## OUTER: WATER

Provide protection and warm water flushing, gathering and adjusting

## INNER: COMPRESSED AIR + POWDER

Remove pigments, plaque, soft dirt and early calculus

## THREE-SECTION DETACHABLE HANDPIECE

easy for unclogging and cleaning



## TITANIUM ALLOY TIP

- Less hard than enamel, more elastic and comfortable
- Tip that guarantees accurate work without compromising the integrity and structure of the tooth.

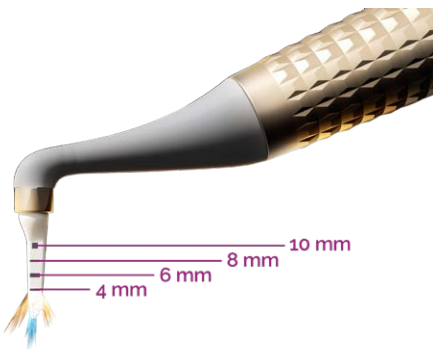
# HYGIENE DENTAL UNIT

# FEATURES



## SUPRAGINGIVAL HANDPIECE

- 0.7 mm small caliber nozzle, more concentrated air polishing, more efficient scaling
- High concentricity of air-water path wraps powder with water, minimizing powder scattering
- Fluid dynamics simulation design enables soft energy release
- No damage to soft tissue, nor scratch the tooth surface



## SUBGINGIVAL HANDPIECE

- Exclusive nozzle allows three-hole powder output and one-hole water output
- Ensure the proper mixing ratio of water, air, and powder, achieving thorough biofilm removal
- Made of polymer material, 360° rotatable and bendable, flexible to operate
- Realize all-round cleaning of periodontal pockets

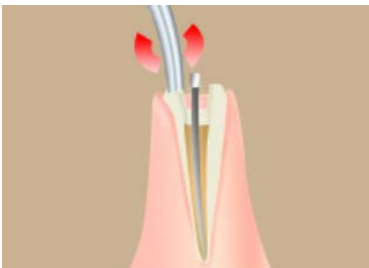
## STUNNING TEMPERATURE CONTROL SYSTEM

- 300 W high power
- 4 temperature settings: 25° C, 30° C, 35° C, 40° C
- Realize high-efficiency automatic preheating, delivering a warm and comfortable treatment

## REAL-TIME FREQUENCY TRACKING

Dynamic vibration frequency monitoring and automatic adjustment based on tip characteristics ensure the tip performs optimally

## ONE-STOP ULTRASONIC ENDO



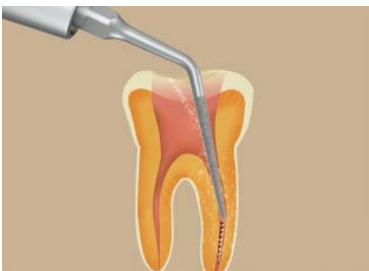
**G8** • With its high-efficiency ultrasonic conductivity and special design, this tip can effectively remove difficult-to-remove restorations using ultrasonic technique.



**E12D** • Diamond-coated ball tip for removing foreign objects from the pulp chamber, which is safe, precise and efficient to locate calcified root canal orifice.



**E3D** • For removal of calcified debris, bad fillings and suspensions in the pulp chamber. Can also enlarge the canal wall where a broken file is located for easy retrieval.



**E15** • For removal of post, broken file, filling debris, etc. in the upper 1/3 of the canal.



**E7** • Extremely fine and flexible tip with good ultrasonic conductivity, used to remove foreign objects from 1/3 of the canal.



**E6** • Extremely fine and flexible tip with good ultrasonic conductivity, used to remove foreign objects from the apical 1/3 of the canal (bendable).

# HYGIENE DENTAL UNIT

# FEATURES



## HD SCREEN FOR CLEAR DISPLAY

1280 x 720 HD 5.5" touch screen display



## AUTOMATIC IDENTIFICATION OF SCALING MODE

## MULTIFUNCTIONAL WIRELESS FOOT DUAL PEDAL

- Bluetooth 5.0 connection for super fast response, USB rechargeable
- Enable 72h continuous work when fully charged.
- Dual foot pedals for worry-free power supply.
- Versatile and convenient operation



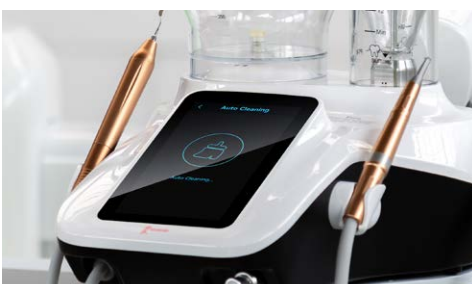
## DUAL WATER SUPPLY SYSTEMS

- System 1: External water supply
- System 2: Two water bottles (600ml, 1400ml), can hold specific solutions such as chlorhexidine, hydrogen peroxide, sodium hypochlorite, etc.
- The clear scales on the bottle body for easy liquid medicine preparation



## AUTOMATIC PIPELINE CLEANING

- Air polishing mode: 20s to remove the residual powder in the pipeline to avoid blockage
- Ultrasonic scaling mode: 30s to flush away the residual liquid in the pipeline to avoid corrosion
- Automatic cleaning after 5min of inactivity





# CONF IGUR ATION



# CONF IGUR ATION

# HYGIENE DENTAL UNIT



## THE HYGIENE MODULE IS INSTALLED DIRECTLY ON THE DENTAL UNIT ARM

The Hygiene module is mounted directly on the dental unit, on the arm where usually the instrument tray is installed.

s&s Hygiene dental unit is provided with a standard configuration, but can be customized with various optionals, according to the doctor's needs.

# CONF IGUR ATION

The chair is  
**equipped**  
with



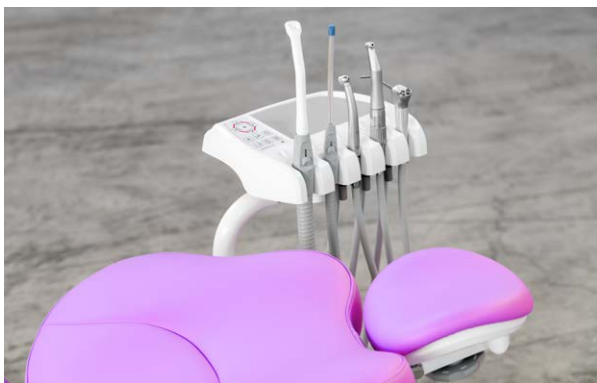
## PT-B HYGIENE MODULE

Made by **Guilin Woodpecker**

The Hygiene module is mounted directly on the dental unit and it includes:

- 2 Scaler handpieces
- 1 Supragingival whitening handpiece AP-1
- 1 Subgingival whitening handpiece AP-2
- 10 Subgingival perio tips
- Double powder dispenser
- Double H2O dispenser: 600 ml - 1400 ml
- 2 sterilisation boxes (air prophy and scaler handpiece)
- 2 torque spanners
- Multifunctional foot pedal
- Mix of 14 (EMS® compatible) ultrasonic tips (10 titanium + 2 implant cleaning + 2 endo)
- 1 bicarbonate powder
- 1 glycine powder

## ASSISTANT TRAY



The assistant tray is equipped with:

- 2 aspiration cannulas
- 1 syringe



It is possible to add optionals as:

- 1 turbine module
- 1 turbine / pneumatic motor module

# CONF IGUR ATION

The chair is equipped with

## WATER UNIT



CERAMIC SPITTOON



GLASS SPITTOON

The choice of the **SPITTOON BOWL** is up to you: the dark glass spittoon bowl is removable to simplify the cleaning operation, The ceramic one is not removable.

## ECO LED PEBBLE LAMP

Equipped with sensor for intensity regulation. The intensity of this lamp can reach 30.000 lux. Easy to clean and with a pleasant design, this lamp is the perfect example of excellent value for money.



# CONF IGUR ATION

## INDEPENDENT CART-MOUNTED

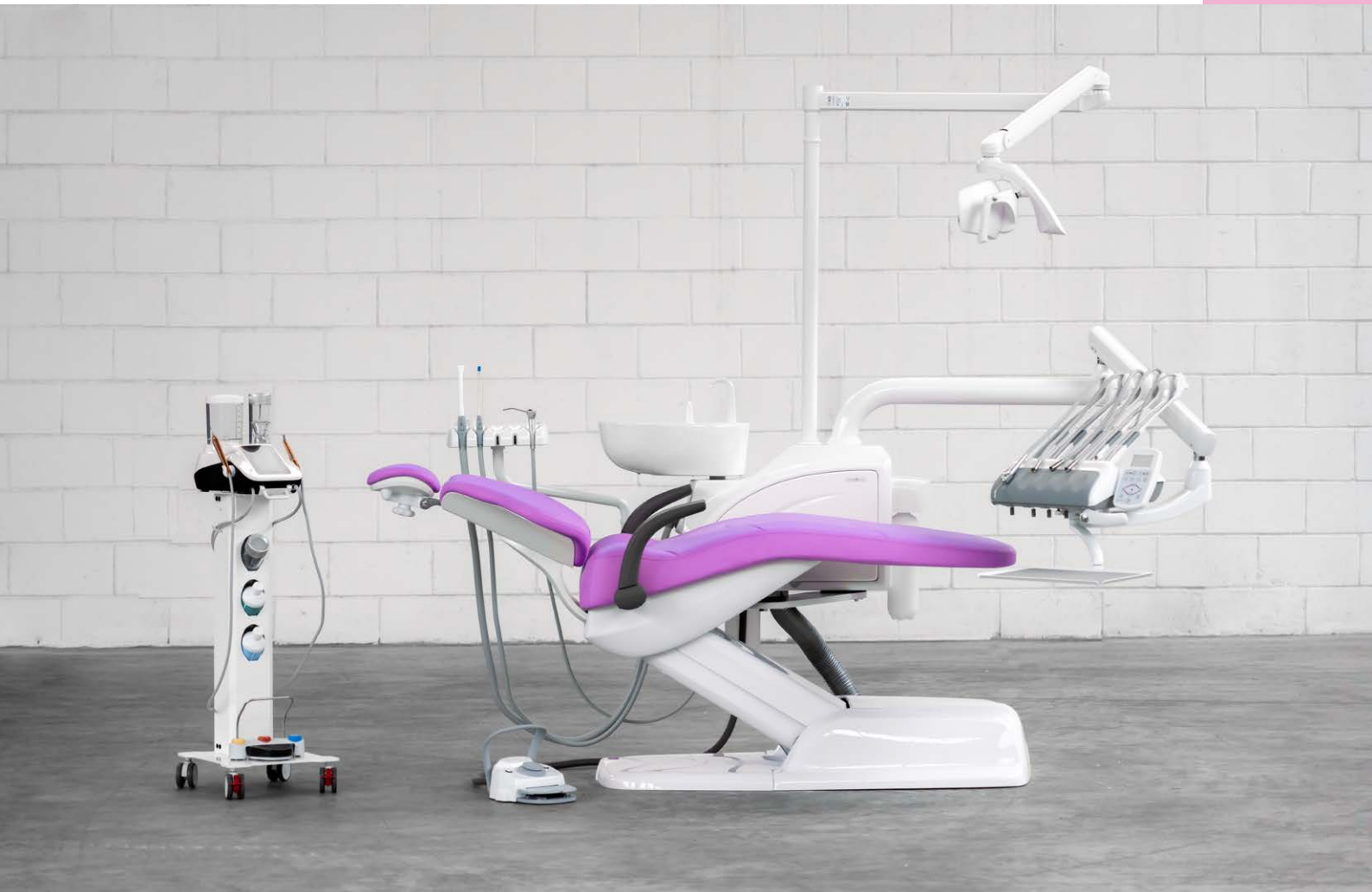


**THE HYGIENE MODULE IS MOUNTED ON ITS OWN CART AND CONNECTED TO AIR, WATER AND ELECTRICITY.**

This solution is perfect if you already have a dental unit and you want to add only the Hygiene module, or if you have different dental chairs in your clinic and need to move the Hygiene module from one dental chair to another one.

# CONF IGUR ATION

## CART-MOUNTED CONNECTED TO DENTAL UNIT

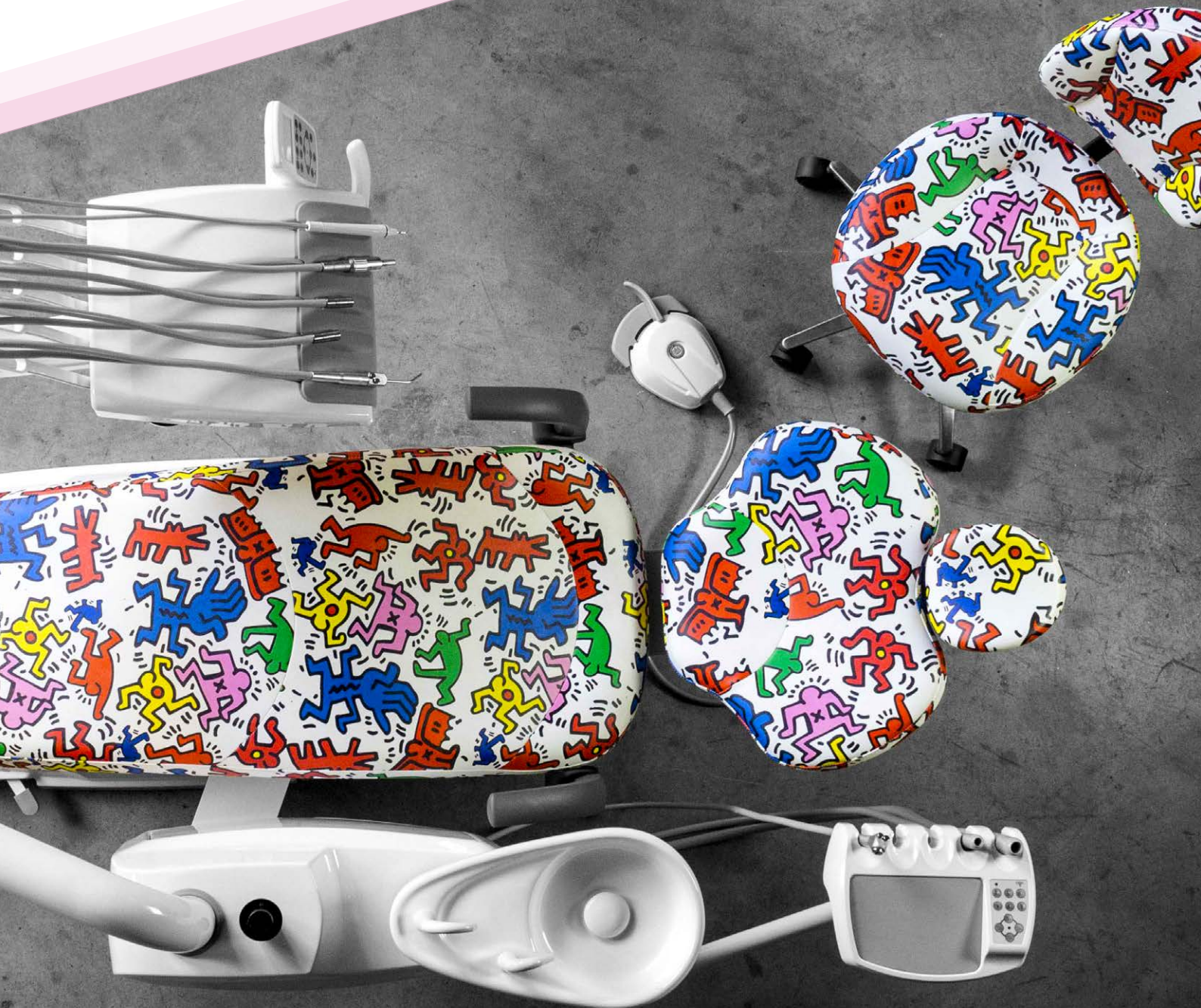


### THE HYGIENE MODULE IS MOUNTED ON ITS OWN CART AND CONNECTED TO ONE OF OUR DENTAL UNITS

The connections are possible by means of rapid couplings for air and water and can be connected to 220V. Available with all our dental units models: ONE, KISS and ITALO.

CUS  
TOM  
IZE

your  
dental  
unit



CUS  
TOM  
IZE

EXPRESS YOURSELF

you ask - we do



Our dental units 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!**



# OPT ION ALS

## accessories

lamps  
media kit  
handpieces &  
micromotors  
instruments cart  
maintenance



## 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 Fiber Leather seat grants an **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 colors 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.

# OPTIONALS

accessories  
**lamps**  
media kit  
handpieces &  
micromotors  
instruments cart  
maintenance

## ECO LED PEBBLE

Equipped with sensor for intensity regulation. The intensity of this lamp can reach 30.000 lux. Easy to clean and with a pleasant design, this lamp is the perfect example of excellent value for money.



## LED LAMP EVA

High quality LED lamp - Illuminating power from 3.000 to 50.000 lux. You can select the ideal color temperature for dental practice: 5700K, 5000K, 4000K, and 2700K. The patented, unique, reflected-light optical design ensures a well-defined light spot, preventing glare for patients. Its 3D head rotation > 360° allows to illuminate every corner of the mouth.

Made by **FARO** - Italy



## LED LAMP MAIA

High quality LED lamp, from 8.000 to 35.000 lux. Maia is the ideal choice for all dentists searching for a professional LED lamp, a reliable solution, long lasting and with high-level lighting performance at a competitive price. The accurate definition of the MAIA dental lamp luminous spot eliminates the risk of glare, safeguarding the eyes of patients and medical team.

Made by **FARO** - Italy



# OPT ION ALS

accessories  
lamps  
**media kit**  
handpieces &  
micromotors  
instruments cart  
maintenance

## ENDOSCOPE KIT

- **Monitor** 24 V, color, 15", with glass protection
- **Intraoral USB Camera:** Full HD resolution, auto focus and mouse, LED illumination - by simple&smart
- **Arms Set** for monitor installation

**MONITOR and CAMERA** are installed on the dental unit with a special pole set. The camera allows to save images on a PC or into the dock-station supplied with the device, thanks to its USB connection cable. This Full HD camera (1920 x 1080) is equipped with autofocus 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.

# OPTIONALS

accessories  
lamps  
media kit  
**handpieces & micromotors**  
instruments cart  
maintenance



## LUZZANI SYRINGE

Straight or curved  
3 or 6 functions



## TKD HIGH SPEED TURBINE

With or without light



## TKD RAPID COUPLING FOR HIGH SPEED TURBINE

KAVO / Bien Air compatible



### STRAIGHT

1:1

TKD

Without light



### BLUE

1:1

TKD

With or without  
light



### RED

1:5

TKD

With or without  
light



### BLUE

1:5

W&H

With or without  
light



### RED

1:5

W&H

With or without  
light

# OPT ION ALS

accessories  
lamps  
media kit  
**handpieces &  
micromotors**  
instruments cart  
maintenance



## WOODPECKER SCALER

With light  
EMS compatible  
Satelec compatible on request



## TKD SCALER TITANUS

With or without light  
EMS compatible  
Satelec compatible on request

## TKD PNEUMATIC MICROMOTOR



Pneumatic micromotor without light, 20.000 rpm. Internal spray.  
The pneumatic micromotor can be directly applied to the cordon without any control board. Speed can be controlled through pedal or manually on the handpiece.

# OPT ION ALS

accessories  
lamps  
media kit  
handpieces &  
micromotors  
**instruments cart**  
maintenance



In replacement to the instrument tray you can have your dental unit 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**

# OPTIONALS

accessories  
lamps  
media kit  
handpieces &  
micromotors  
instruments cart  
**maintenance**

Our aim is to be as fast as possible in assisting you. 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 be even faster in solving your possible problems, we created **2 SPARE PARTS KITS**. If you keep these kits in your warehouse or clinic, you can solve any possible problem in a short time.

## BASIC SPARE PARTS KIT



- 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 PARTS KIT



- 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 + 1 instrument tray label
- 1 bottle for disinfection system
- Set of silicone pads
- 1 tap for basin and 1 tap for glass

# OPTIONALS

accessories  
lamps  
media kit  
handpieces  
micromotors  
instruments cart  
**maintenance**

## CLEANING KIT



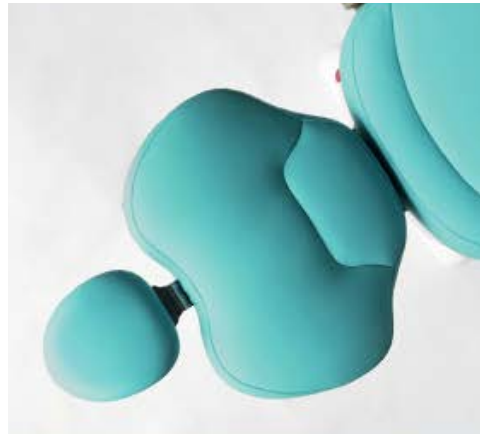
The concept is always the same, to grant the customer the best service possible. The purpose is giving to the customers **all the necessary products for the ordinary maintenance** of our

dental units. Our cleaning kit contains all the most suitable products to clean and sanitize our dental units, filters, silicone parts, etc. that can be replaced in case of need.

- 2 suction filter
- 1 basin filter
- 1 weak suction handle
- 1 strong suction handle
- 1 set of silicon pads
- 1 **puly jet** by Cattani, 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 of microzid** to keep the dental unit surface clean avoiding possible damages to the leather and the sensible plastic parts. It is alcohol free.



# 4 COLOR YOUR CLINIC



# COLOR YOUR CLINIC

## IT'S A MATTER OF LEATHER

seams or no seams, that is the question!

Standard PU, standard Fiber Leather and more than 200 customized colors: S&S has the widest choice of upholstery you have ever seen!

The Pu standard polyurethane upholstery is available with no additional costs. Seamless for an easier cleaning procedure. With a small additional cost you can select the elegant Fiber Leather upholstery, with seams for a higher comfort.

## PU LEATHER



## FIBER LEATHER

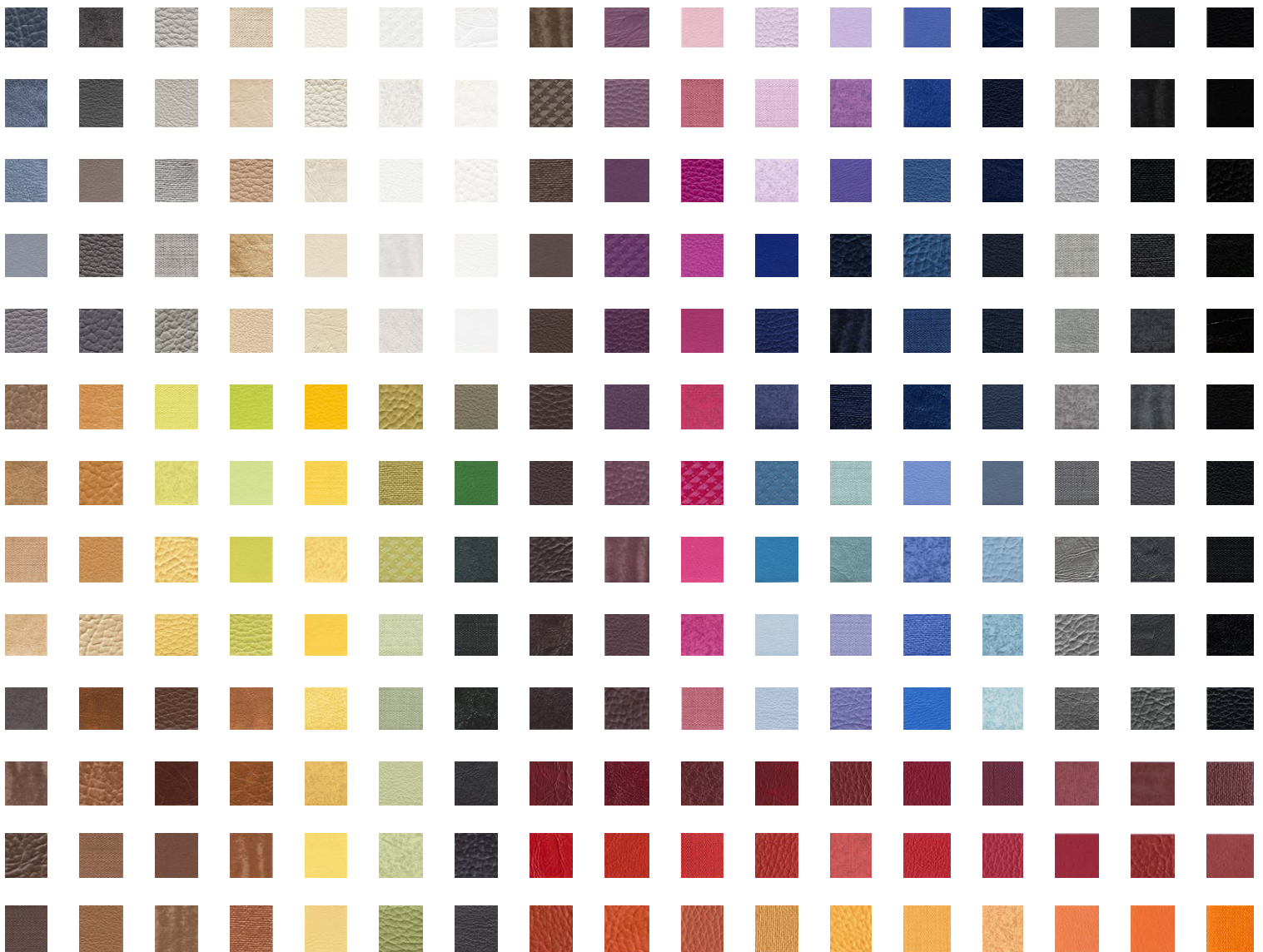


COLOR  
YOUR  
CLINIC

NO LIMITS

did you say Lime Green?

# CUSTOMIZED LEATHER



With a slightly higher additional cost, you have the possibility to choose from more than 200 colors. This kind of upholstery is **Fiber Leather with seams**.

Impossible not to find your favorite color!

# 5 COMPANY



COM  
PA  
NY

AT YOUR SERVICE



## PRODUCTION

The production process is the heart of our company, and for this reason we follow every stage with particular care, starting from the choice of materials, paints and components, to 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 testify 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.



## SHIPMENT

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 make the delivery to the clinics easier. The **two separated wooden cases** are smaller in size and less heavy, so the download from the truck is easy even without a lifter and the reduced dimensions allow an easy storage while waiting for the installation.

## WARRANTY EXTENSION

The standard warranty on our dental units covers a period of **1 year** but, if you want, you can extend the warranty **up to 5 years**.

## WATCH OUR VIDEOS

On our **website** and on our **YouTube** page you can find many videos of the unit, on its configuration, on the options available, tutorial videos for the installation, maintenance, sanitization, etc., in order to set up and take care of your chair in the best way possible.

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

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 products, you can even configure your customized unit. Using our **configurator** you can receive a personalized quotation without any purchase obligation.

With Simple&Smart you can always find the best and simplest solution for your needs.

Follow our social media pages to discover more and to be updated on our news, products and events.

## LIVE ASSISTANCE

**WhatsApp** number on request if you are our dealer.

We are **always at your disposal**. You just have to contact our live assistance department on **Whatsapp**. Our technical staff will assist your technicians to solve your problem in few minutes.

## REPORTS ON FILES

Complete **PDF reports** are available to be sent by email. Detailed information for **problem solving** are explained in a specific manner on the bases of the problem you have indicated.



COM  
PA  
NY

# CERTIFICATES

we take it seriously

## ISO & CE CERTIFICATES

Our dental units are Class IIa medical devices. The **EC Certificate** and **ISO 13485 Certificate** ensure that our products and procedures are compliant to the regulations in force and to the severe ISO standards. **Our dental units are certified CE1370.** These certifications guarantee the quality of our products and services.

## 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.**



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