

Model One.



The right choice.

Endless possibilities.

Don't even let us get started on the dozens of options you can choose from. You can customize every little detail of the dental unit to completely satisfy your needs.

Timeless design.

The basis of the design and materials used in the Model One comes from our premium Model Pro line. The design follows proven principles of ergonomics. Enjoy the essential version to comfortably perform your basic daily activities.

Reliable partner.

Model One is built with similar and simpler mechanics and electronics than our premium line Model Pro. It is made from premium materials. Its manufacturing technology has been standardized with our premium line and has already been tested and proven reliable long before product release. Each dental unit is thoroughly tested before it is sent to customers.

The right



Looking for the right dental unit that brings outstanding performance and provides exceptional comfort for your patient at a competitive price? Model One might just be it.

choice.

Endless possibilities.

Close your eyes and imagine the dream dental unit. Now open them, and make it happen with Model One. With almost endless customization options, the way your Model One looks and works is just up to you.

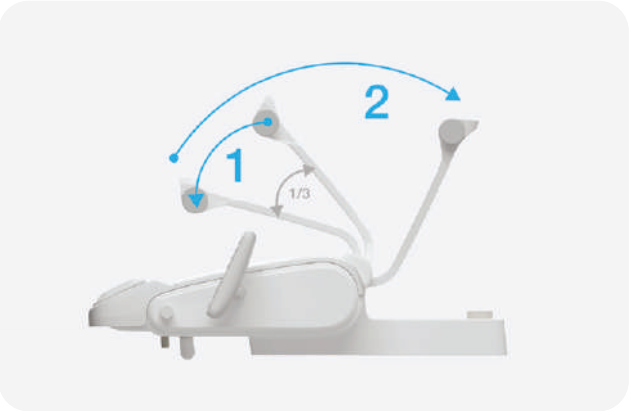
Up or down?

Enhance your dentist’s element with an upper or lower hose delivery system.



Hold the whip hand.

The dentist’s element with instrument hoses routed in the upper hoses configuration may be equipped with a whip lock. An instrument whip is routed to the instrument placed in a designated slot. The whip is pulled towards the stop to unlock. The whip then returns to its resting position.



Put your skills on display.

The control panel on the dentist’s element comes in two variants. The button layout of both options include controls for four custom chair positions and the getting-on position. You can also pre-program two unique dentist profiles for both of the variants.



Control panel One.

The standard control panel comes with a 5-digit display unit which provides you with information regarding the RPM of the currently used micromotor. This version of the control panel includes buttons for the chair, light, cup and cuspidor control. It also rocks a fancy negatoscope!

1 Buttons for light,cup, cuspidor

2 Buttons for chair control

3 Buttons for instrument settings*



Control panel One Plus.

The advanced control panel comes with a full-color display and extra buttons to control the endodontics fuctions of your instruments. This choice also supports automatic hygiene.

Intuitive instrument control.

The instruments on the dentist’s element are activated once removed from the individual holsters.

One button to rule them all.

The instrument settings can be customized with four different presets.



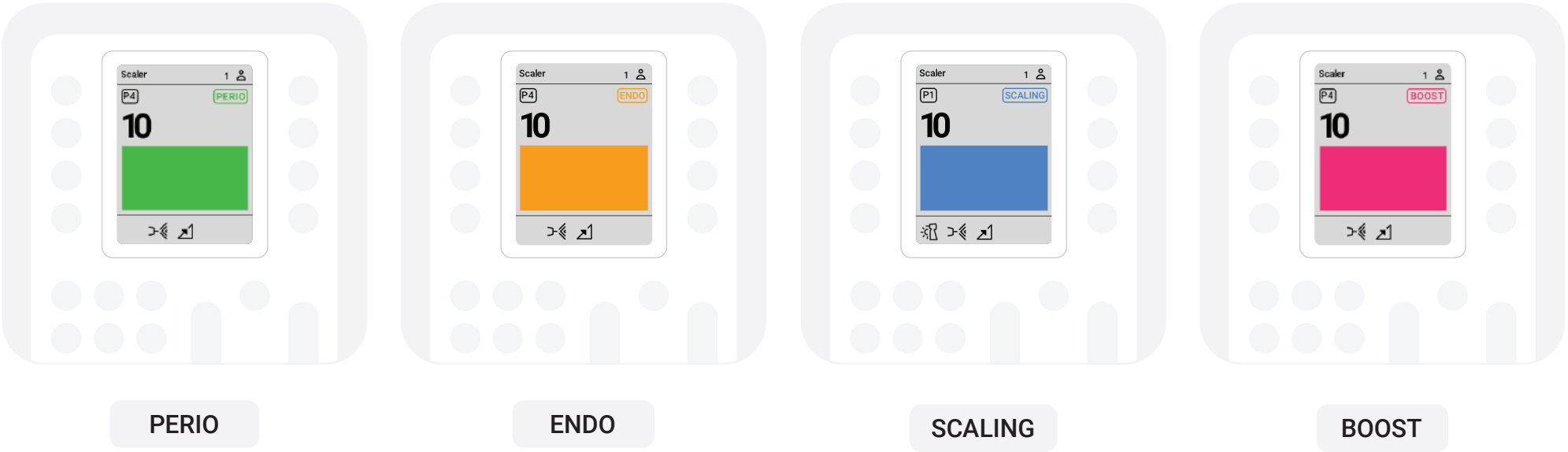
Multi-colored LED indicators on Control panel One.

To support a dentist's workflow while using Control Panel One we use intuitive multi-colored LED indicators to recognize switching functionalities.

	LIGHT OFF	WHITE LIGHT	BLUE LIGHT	GREEN LIGHT
	Cooling down	Spray cooling	Water cooling	Air cooling

Pick your scaler.

The selection of scalers compatible with Model One's Control panel One Plus includes:



Scaler	PERIO	ENDO	SCALING & GENERAL	BOOST
Satelec SP Xinetiс	•	•	•	
Satelec NEWTRON	•	•	•	•
Satelec NEWTRON LED	•	•	•	•
NSK VA170	•	•	•	
NSK VA170 LED	•	•	•	
WOODPECKER		•	•	

EMS The EMS scalers do not have specific functions. Their intensity range is from 0-10, which covers all modes.



Endodontic functions.

Control Panel One Plus with micromotor DX Pro or DX Pro Blue enables you to use additional endodontic functions. This includes auto-reverse and auto-forward features.

It's possible to adjust the speed range from 100 to 40,000 RPM and the torque is adjustable to 3.5Ncm.

And yet it moves!

The standard version of the Model One’s cuspidor is fixed to the cuspidor. However if you want to provide your patients with additional comfort, you can choose the rotary option.



What light will you turn on?

You can choose from the XENOS or the MAIA dental lamps. The Xenos lamp reaches up to 26.000 Lux. The MAIA lamp up to 35.000 Lux and CRI>95. Both lamps have hands-free operation functions thanks to the no-touch sensor.



Pedal to the metal.

Even though you might not feel the same adrenaline as in a racing car, you get ergonomic and practical benefits from using foot controllers. You can select from three options compatible with Model One.



MARQUARDT

Stable and skid-proof thermoplastic housing with rubber feet.



NOK

Configurable via both Control Panel One and Control Panel One Plus.



UNO

Configurable via both Control Panel One and Control Panel One Plus. Recommended for optimal body posture.

Ready for an extra pair of hands.

The assistant’s element has six instrument holders. Two versions are available: BASIC and ADVANCED. The BASIC assistant element allows the assistant to control cuspidor rinsing and cup refilling. With the ADVANCED assistant's element, you will also be able to control the chair’s movements, including the Trendelenburg position.





Fast, faster, Model One.

Model One has simple manual hygiene in the standard version, but you can upgrade to fully automatic hygiene. Model One maintenance is fast and easy, regardless of your choice.

Even manual disinfection is an easy chore.

If you choose the standard version of Model One, which is not equipped with an automatic water channel and suction hose hygiene system, regular manual hygiene is still possible. All of the systems are very easily maintained and come with simple and clear recommendations.

Automatic disinfection of instrument water channels.

The recommended disinfectants are Alpron, Sanosil S003, or Dentosept P in a 1% concentration with distilled water. These products in a 1% concentration are completely inert with respect to patients.



Hygiene holder.



Instrument hoses in hygiene holder.



Automatic hygiene of big and small suction hoses.

Intensive disinfection of instrument water channels.

The recommended disinfectants are Alpron, Sanosil S003, or Dentosept P in a 100% concentration. The cooling system channels are kept clean and there is no need to use other means of disinfection*.

Automatic hygiene has 4 settings options:

- 01) Beginning of a workday hygiene.
- 02) After treatment hygiene.
- 03) End of a workday hygiene.
- 04) Intensive hygiene.

Timeless design.

We shaped the award-winning design of our Model Pro Series and used it to create the Model One fundamental design, to support the dentist in their essential needs. The same materials, body parts, and ergonomically oriented design philosophy.

Business class tickets, please.

Next time your patients visit you, let them know they may as well imagine they're sitting in a limo. Why? We've teamed up with ergonomics experts from the dental industry to design this absolute masterpiece of a dental chair to reduce your clients' physical strain and make them as comfy as possible.



Simple is an understatement.

The control panels use a clear and simple button layout, graphics, and a high-quality surface finish. We've kept it simple, so you can completely focus on your job without any distractions or mistakes.



Hard to get your eyes off of it.

Clean geometry, well-designed user interface, compact size, and great ergonomics. All of these combine to make Model One not just a sight to see, but, also a great product to use.



Pleasant to the touch.

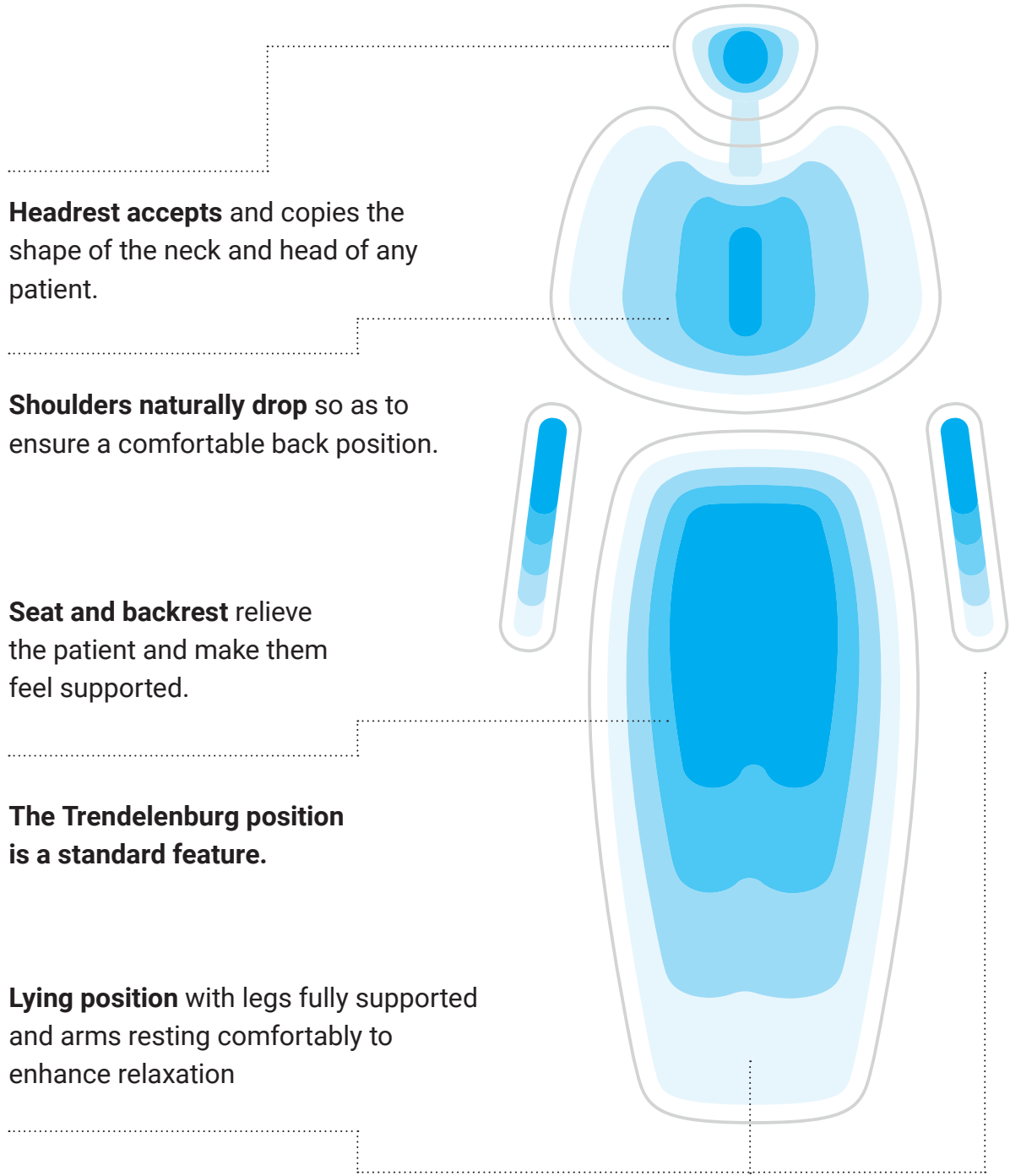
Most of the materials used, such as UV-resistant and chemically resistant ASA plastic or galvanized semi-matte metals, can match even the most premium products on the market.



Love at first seat.

The base of Model One’s design, ergonomics and materials used come from our premium model line Model Pro.

- a) The backrest is wide enough to ensure patients' upper body side movement.
- b) For the most demanding dentist, a 3D headrest is essential to allow a lateral flexion position of the patient head



Model One takes care of you.

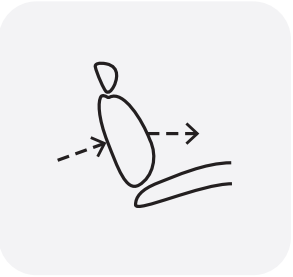
It’s not just your patients but you that deserve the best. Musculoskeletal problems appear to be the leading cause of dental practitioners’ premature retirement from practice.

Great ergonomics are essential for your long-term health. Model One meets all the conditions for ergonomic work, from palatine treatment to operational positions.

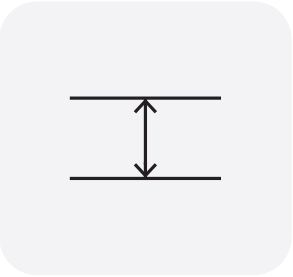
Some of the ergonomic highlights:



The dental unit’s arms are ergonomically adapted for your daily work.



The backrest allows the sideways movement of the patient’s upper body.



Minimum backrest thickness to allow dentists to get close to the patient’s head.



The dentist's and assistant's elements can get incredibly close for a two-handed treatment at the 12 o'clock position.

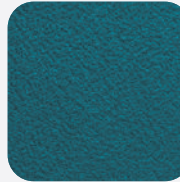
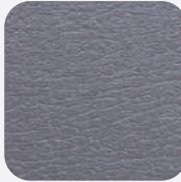
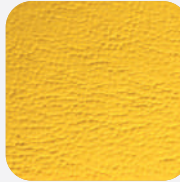
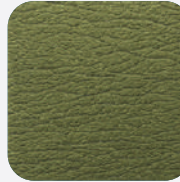


The assistant's element can free the space for four-handed treatment.

Feeling frisky?

Whatever you feel like, we're giving you the freedom to express yourself. With the choice of dozens of color and upholstery options, it's just about your preference. Take a look at the most popular choices. You'll find all available options in our [upholstery catalogue](#).

A few of our many swatches:

							
Mist	Green Turquoise	Cinnabar Red	Blush	Light Goldenrod	Plum	Oslo	Brandy
							
Beige	Mint	Fire Brick	Granite	Yellow	Sorbet	Sonora	Brown



Reliable partner.

Ease of use and essential functions are the main philosophy behind Model One. Even on your first day with Model One, it will feel like you've worked with it for ages.

In your natural habitat.

Model One provides comfortable access to all your tools, instruments and control panels at all times.

Comfortable for all shapes and sizes.

The range of the chair lift is extremely large – from 31 cm to 81.5 cm. Thanks to this, your child patients will easily be able to hop onto the chair. It also provides a comfortable workspace for dentists of smaller or even larger stature.

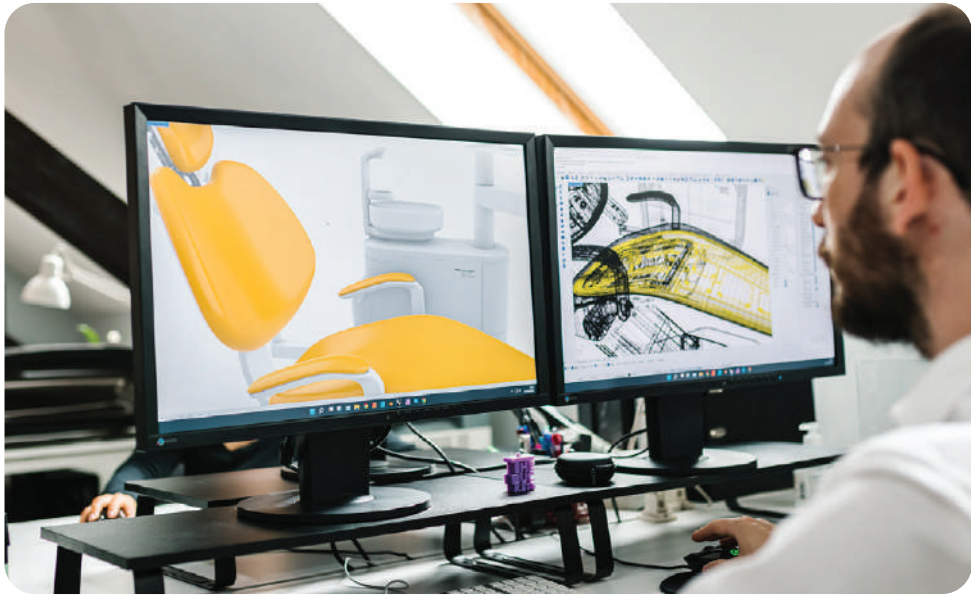
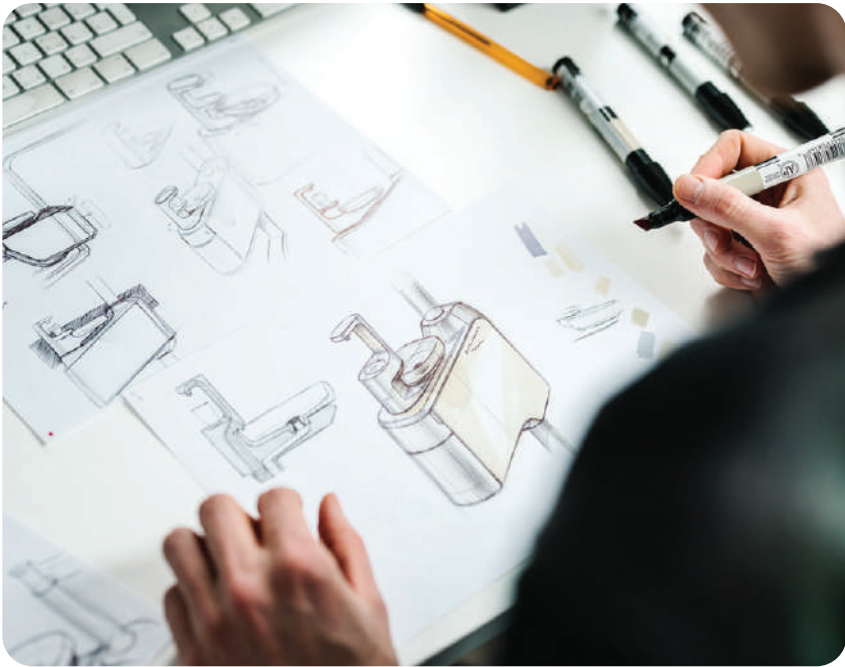
Installation? Eaaaasyyyyy.

The installation of Model One is very easy and swift, and you can start working almost as soon as it's delivered to you.



Focus on reliability & high quality.

All our products are carefully designed and engineered to meet the specific needs of our customers while always attaining our high-quality standards.



90% of our components are manufactured in-house. Each component of every dental unit is thoroughly checked more than 15 times during the manufacturing process as we process it from the input material to the final element of the dental unit.

One of our biggest strengths lies in our R&D team and our numerous cooperations with experienced partners and industry experts.



Each newly developed product is tested internally for four months to a year in our internal test room. After this process, our beta tester dentists work with the prototypes for up to one year while we use their feedback to fine-tune the product.



Diplomat Dental products are highly customizable. We can accommodate specific requirements and needs of our customers.



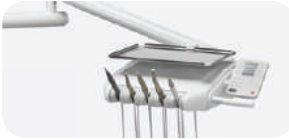
"Our product philosophy is to focus on open platforms, modular and intelligent solutions that improve the workflow of your dental office – making advanced technologies and smart tools easy to use and accessible to every dentist."

Tomas Nerad, CEO - Diplomat Dental

Get the full experience with our accessories.

Take a look at our full range of accessories that are compatible with Model One.

Dentist element



Standard
Traditional style
5 instrument option



Standard
Continental style,
5 instrument option

Control pannel



Standard
One



Optional
One Plus

Assistant's element



Standard
Basic



Optional
Advanced

Cuspidor



Standard
Fixed cuspidor



Optional
Rotating cuspidor (manual rotation only)

Headrest



Standard
2D



Optional
3D

Lamp



Standard
XENOS



Optional
MAIA

Footcontroler



Standard
MARQUARDT



Optional
NOK



Optional
UNO

Tray



Optional
Extra tray table
sized 370x290 mm on the light pole

Monitor



Optional
Neovo monitor 22" DR22 white Widescreen
Neovo monitor 22" RX22G black, FULL HD Widescreen

Upholstery color



Standard
Standard collection



Optional
Special collection,
Special plus collection



Optional
Premium collection

Water unit



Optional
Customizable colors
on the water unit

Stool



Optional
With a backrest for the dentist,
With a backrest for the assistant,
Horse-seat for a microscope

Accessories



Optional
Pillow
for children



Optional
Protection
cushions

Paint



Optional
Complete paint in semi-matt white

Choose your own features.

Configure Model One to become your dream dental unit.

Patient chair		
Standard chair version with grounding		☐
Plate for non-grounding/floating floor/exhibition		☐
Chair version without synchronized movement of backrest and seat		☐
Chair version with synchronized movement of backrest and seat		☐
Headrest 2D		☐
Headrest 3D		☐
Left armrest		☐
Right armrest		☐
Pillow for children		☐
Protection cushion		☐
Dentist's element		
Continental style with 5 instruments		☐
Traditional style with 5 instruments		☐
Continental style with 5 instruments and whip lock		☐
Control Panel "One" with negatoscope		☐
Control Panel "One Plus" <i>*compulsory to run the Endo function and automatic sanitization process</i>		☐
Dental lights		
Xenos (up to 26.000 Lux)	☐	
Faro MAIA LED lamp with sensor (35.000 Lux)	☐	
Cuspidor		
Fixed cuspidor		☐
Rotating cuspidor (manual rotation only)		☐
Dentist's element additional options		
Water regulation for all instruments		☐
Separate water regulators for each instrument		☐
Whip lock only for CS (upper hose) delivery system		☐
Light pole		
Light pole for operating light only	☐	
Light pole for operating light and suitable for extra tray	☐	
Light pole with operating light, suitable for tray plus monitor adapter	☐	

Assistant's element		Assistant's element instruments	
Basic assistant's arm	☐	Minimate 3F syringe	☐
Longer version of Basic assistant's arm	☐	Minilight 3F syringe	☐
BASIC assistant's element	☐	Mectron Starlight	☐
ADVANCED assistant's element	☐	Monitex curing light	☐
		Rollers for big and small suction hoses (2pcs.)	☐
		Diplomat intraoral USB camera with software for connection with PC and accessories	☐
Upholstery		Tray and Monitor	
Standard (seamless) upholstery	☐	Extra tray table	☐
Stitched upholstery	☐	Neovo monitor 22" DR22 white	☐
Premium Stitched upholstery with ACTIVE FOAM	☐	Monitor Neovo 22" RX22G black	☐
The colors of the leather can be selected in the upholstery catalogue.			
Stools			
D10L with back-rest for the dentist	☐	D10L horse-seat	☐
D10L with back-rest for sister	☐	D10L for microscope	☐
Foot Control		Color version of dental units	
UNO foot control (recommended by Diplomat Dental)	☐	Color set painting on water unit – possible to choose from all colors.	☐
NOK foot control	☐	Complete unit painted in semi matt.	☐
Marquart foot control	☐		
Warranty			
Standard two-year warranty period	☒	Extra two-year warranty	☐
Extra one-year warranty period	☐	Extra three-year warranty	☐

Instruments for dentist's elements	
SYRINGE	
Minimate 3F syringe	☐
Minilight 3F syringe	☐
Minilight 6F syringe	☐
Minilight 6F syringe straight with light and module	☐
MICROMOTOR	
SET DENSIM DX motor with accessories	☐
SET DENSIM DX PRO motor with accessories	☐
SET DENSIM DX BLUE motor with accessories	☐
SET DENSIM DX PRO BLUE motor with accessories, endo functions auto reverse, auto forward	☐
SCALER	
Module and accessories for scaler <i>*to be selected, to add a scaler on the dentist element</i>	☐
LM-ProPower UltraLED scaler with light with module (4 tips)	☐
EMS MiniPiezon FS-433 scaler without light (3 tips)	☐
EMS MiniPiezon FS-432 LED scaler with light (3 tips)	☐
EMS MiniPiezon FS-367 LED scaler with light (3 tips)	☐
Satelec SP Xinetic scaler without light (1 tip)	☐
Satelec NEWTRON scaler without light (3 tips)	☐
Satelec NEWTRON LED scaler with light (3 tips)	☐
NSK VA170 scaler without light with module (3 tips)	☐
NSK VA170 LED -Lux scaler with light with module (3 tips)	☐
Woodpecker UDS-N3 LED scaler (6 tips)	☐
CURING LIGHT	
Mectron Starlight	☐
Monitex curing light	☐
EXTRA OPTIONS	
Water regulation for all instruments	☐
Extra charge for individual water outlet adjustment for each single instrument	☐

Disinfection systems		
Semi-automatic disinfection of instruments with Alpron (0,6l additional bottle, 1L Alpron, instruments adapter to be fitted into spittoon bowl)		☐
Automatic and continuous disinfection of cup filler and instruments hoses (includes extra bottle for disinfection agent)		☐
Integrated WEK disinfection system in compliance with EN1717		☐
Automatic decontamination		☐
Special accessories for assistant's syringe if automatic disinfection system or WEK system is installed		☐
Suction hose regulation		Water unit options
Suction hoses with manual regulation (one suction filter)		☐
Automatic suction control & selection valve (two suction filters)	☐	Bottle 1.3L
Wet suction system		Options for central water supply
Extra charge for selection valve (for dental offices with two or more dental chairs)		☐
Extra charge for selection valve & Duerr Cuspidor valve for wet suction (drain and suction air go to suction machine)	☐	Funnel for comfort bottle access for central water supply *only possible in combination central water supply (including 2.5 bar water regulation) + depressurization bottle system
Extra charge for Duerr Cuspidor valve for wet suction (drain and suction air go to suction machine) <i>*only possible in combination with automatic suction control & selection valve</i>	☐	Front panel for external media connections (air, water, power) including 2.5 bar water regulation
Dry suction system		Options without central water supply
Venturi system, ejector accessories (Dürr control of suction aspirators - manual changeover of aspirators + Dürr filter)	☐	2.5 bar water regulation (needed when water inlet pressure is too high)
Cattani miniseparator	☐	Depressurization bottle system
Dürr CS1 separator	☐	Funnel for comfort bottle access with depressurization system
METASYS ECO-L1, separator water-air	☐	Front panel for external media connections (air, water, power) including 2.5 bar water regulation
MST1 amalgam separator (including sample disinfection set + applicator + replacement container) separation rate 98,6%	☐	
Dürr CAS-1 amalgam separator, (including replacement container) separation rate 97,9%	☐	

Enter
the era



of digitized
dentistry.

Discover the Diplomat Dental
portfolio.

Check out our Model Pro Series to find out more about the new era
of digitized dentistry.



Model Pro
500.



Model Pro
600.



Model Pro
700.



Model Pro
800.

Discover the Diplomat Dental
portfolio.



Chair Pro.



Dental stools.



Densim microscope.

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