

**DIPLOMAT
DENTAL
SOLUTIONS**



Portfolio

Classic Line



Model One 100



Model One 200
(new info coming
in March 2023)

Comfort Line



Model Pro 500



Model Pro 600

Premium Line



Model Pro 700



Model Pro 800

Model One 100

The right choice





What is **the right choice** for a dentist who wants to buy an entry level dental unit?

Entry Level / Classic segment



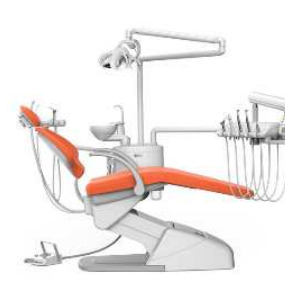
Anthos A3



Anthos A5



Stern Weber S200



Ritter - Ultimate Comfort Smart



Castellini Puma Eli R



Dentsply Sirona Intego



A-dec A200



KaVo E30



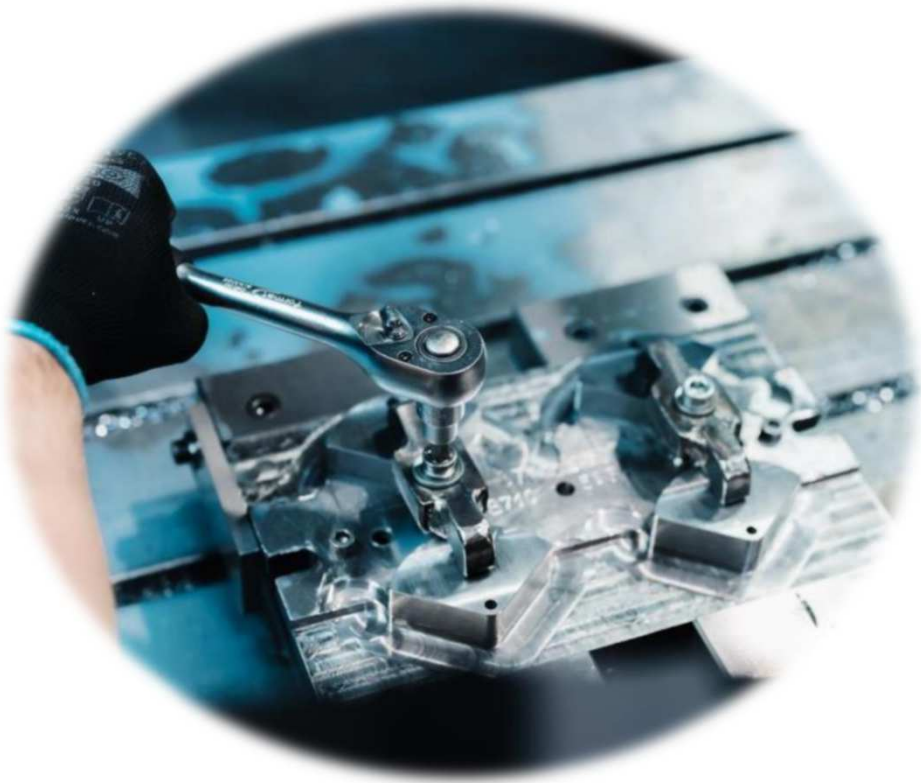
Planmeca Compact I Classic

The Right Choice is...



The possibility to offer to the dentists a high quality dental chairs with a **beautiful design, premium materials without sacrificing price and configuration possibilities**

The Right Choice is...



Always keeping in mind the most important prerequisite for any purchase decision, which is

High Reliability



**RELIABLE
PARTNER**

**ENDLESS
POSSIBILITIES**

TIMELESS DESIGN



**THE RIGHT
CHOICE**



Reliable partner.

- 1) Model One is built on **the similar or simpler mechanics and electronics of our premium line Model Pro**. This strategic choice guarantee **premium materials** and allows our **production** to achieve high level of production **standardization** to **control** the production process **quality**.
- 2) **Installation is easy**. Some parts are structurally simpler and thus lighter. Other components follows the same installation steps as Model Pro.

Endless Possibilities

- 1) Dentist can **customize every little detail** of the dental unit to completely satisfy his or her needs
- 2) Customization does not mean complexity. Model One 100 offer such a wide range of option that the unit can also be offered in Medium/Comfort market segment.
Fixed configuration can be set up to meet different customer needs





Model One
(basic configuration)

To compete with:

- 1) Intego
- 2) Kavo E30
- 3) Stern Weber S200
- 4) Anthos A3
- 5) A-dec 200
- 6) Planmeca Compact i Classic
- 7) Belmont Voyager III



Model One
(advanced configuration)

To compete with:

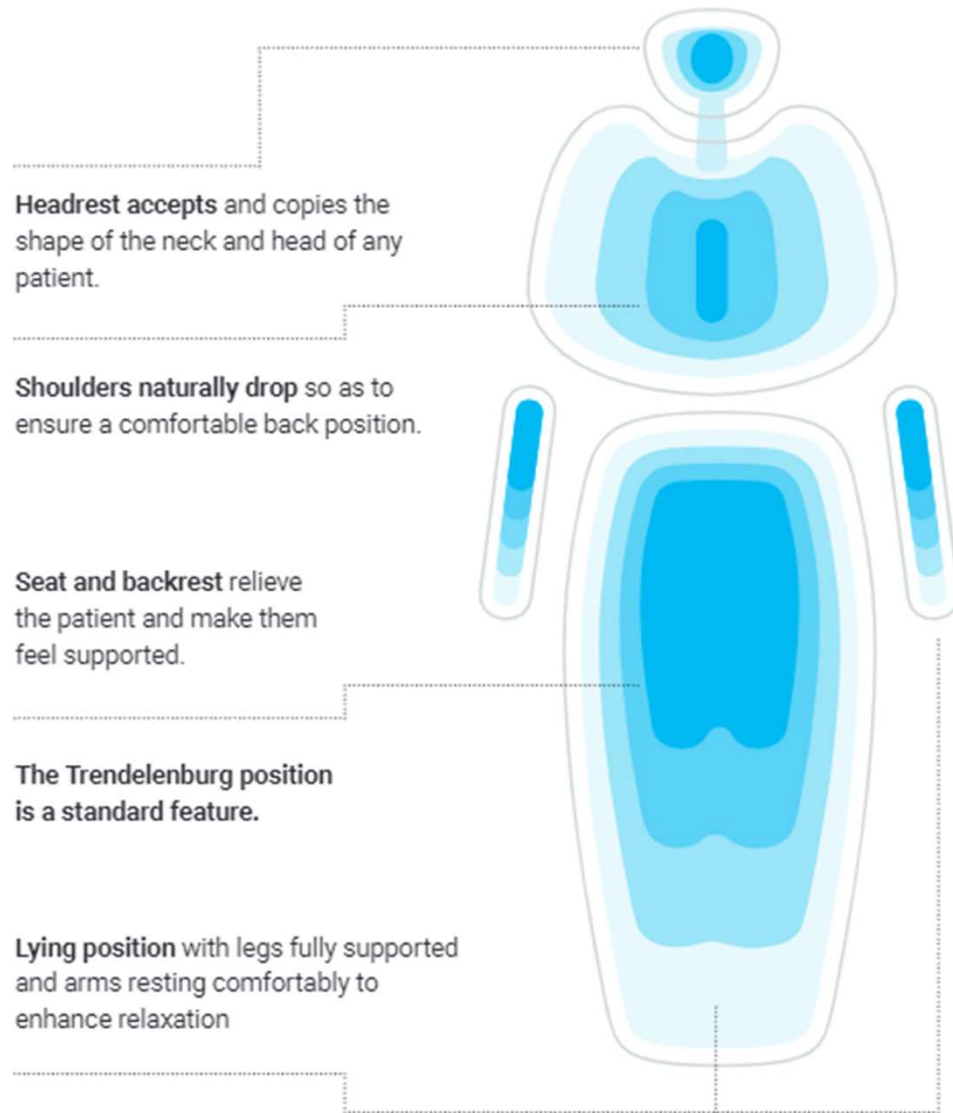
- 1) Intego Pro
- 2) Kavo 1058
- 3) Anthos A5
- 4) A-dec 300
- 5) Planmeca Compact i5
- 6) Belmont Voyager III



Model Pro

To compete with:

- 1) Ambidextrous units
- 2) Sinus
- 3) Kavo A50
- 4) Stern Weber S300
- 5) Anthos A7
- 6) A-dec 500/400
- 7) Belmont Cleo II
- 8) Belmont Eurus S1



Timeless Design.

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

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

Right choice is also **attention to details**

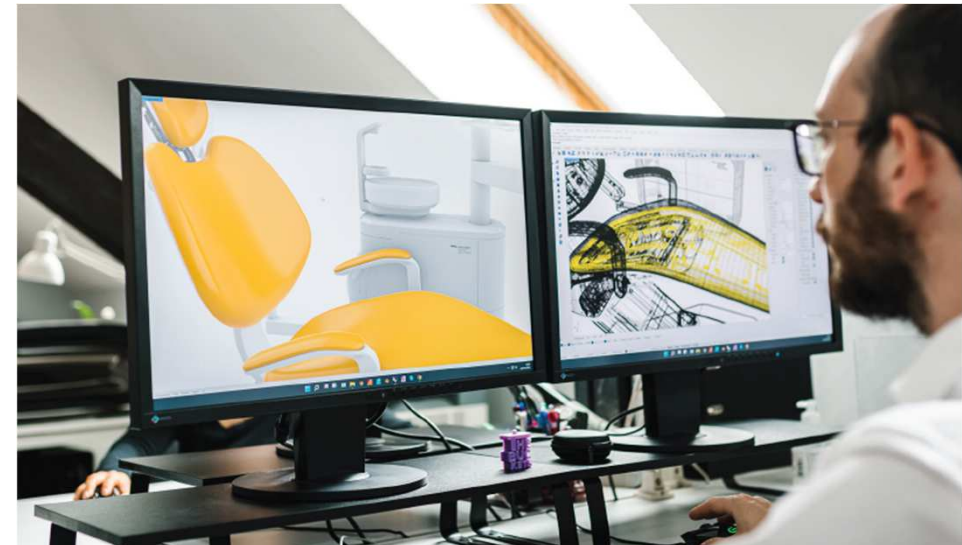


Multi-colored LED indicators on Control panel One

- To support dentist's workflow while using control panel one we use intuitive multi-colored LED indicators to recognize switching functionalities.

Chair can lift up to 200Kg

- Model One is not only reliable, but strong and robust. It is the perfect partners for large clinics and hospitals which serve high number of patients





We shaped the award-winning design of our Model Pro Series and used it to create the Model One essential design, to support the dentist in his or her essential needs.

Dentist Element



Traditional style (TS)



Continental style (CS)

Dentist Element



Traditional style (TS)

- **Smooth and easy movement.** Thanks to the self balanced pantographic arm and friction bearings on rotary components
- **Stability and firmness.** Vibrations are minimized, and not being transferred to the rest of the unit
- **Large Tray.** To ensure ergonomic treatment and easy access to all operating tools.

Dentist Element

- **Smooth and easy movement.** Thanks to the self balanced pantographic arm and friction bearings on rotary components
- **Stability and firmness.** Vibrations are minimized, and not being transferred to the rest of the unit
- **No pull back.** Completely new construction of whips and re-balancing of instruments places no strain on your arms and wrists whatsoever – there is no pulling back by your whips.
- **Whip lock (optional).** For even more instruments hose stability



Continental style (CS)

User Interface

- **Operate the unit.** In a easy, intuitive, yet modern way. Save your desired workflow for even better performances
- **Control dental unit's instruments.** The user interface will give you quick access to all instruments settings



Control panel One

User Interface



Control panel One



Control panel One Plus

Control panel One



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

Multi-colored LED indicators on Control panel One

To support 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 off	Spray cooling	Water cooling	Air cooling

Control panel One Plus



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

Endodontics Functions



Mode	Instrument mode
	Gear ratio
	Torque
	Auto-forward time

Instruments

Model One

Up to 5 Instruments
max. 3 rotary instruments
max. 3 turbines
max. 2 brushless micromotors
max. 1 scaler
max. 1 LED curing light
max. 1 syringe



Syringes – 7 variations



**MINIMATE STRAIGHT
AND ANGELED 3F**



**MINILIGHT 3F
STRAIGHT OR
ANGELED**



**MINILIGHT 6F
STRAIGHT, STRAIGHT
WITH LIGHT OR
ANGELED**



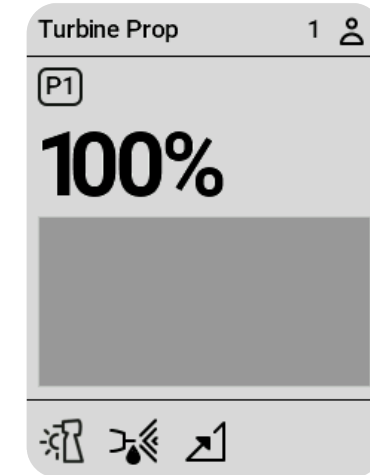
Handpieces

TURBINE

MIDWEST fiber-optic hose. Proportional valve as option.

MICROMOTORS – 2 variations

All micromotors have 3 years of warranty



- ❑ **DESIM DX:** RPM range 1.000-40.000, LED light, T=3,5Ncm, 1 x LED light White
- ❑ **DENSIM DX BLUE:** : RPM range 1.000-40.000, LED light, T=3,5Ncm, 2 x LED light LED White + LED Blue (composite fillings detection)



- ❑ **DESIM DX PRO:** RPM range 100-40.000, LED light, T=3,5Ncm, 1 x LED light White, **Torque Control for endo function (available for one plus)**
- ❑ **DENSIM DX PRO BLUE:** : RPM range 100-40.000, LED light, T=3,5Ncm, 2 x LED light LED White + LED Blue (composite fillings detection), **Torque Control for endo function (available for one plus)**

Scalers – 7 variants



**LM PROPOWER ULTRA
LED**



**WOODPECKER UDS- N3
LED**



**SATELEC SUPEASSON
and XINETIC**



**EMS FS-433
EMS FS-432 LED and
FS-367 LED**



SATELECT NEWTRON



**NSK VARIOS 170
NSK VARIOS 170 LED**



**SATELEC NEWTRON
LED**

Curing lights – 2 variations



MECTRON STARLIGHT S

Monochromatic LED with a dominant wavelength between 440nm and 465nm

Two different modes:

- Fast: exposure time of 10 seconds at the maximum light intensity
- Slow rise: exposure time 20 seconds with a gradual increase of the light intensity.



MONITEX BlueLEX LD-M1

Light intensity: 1.300 mW/cm²

Three curing modes (in range from 1 to 10 seconds):

- Full Power Mode – Full power for optimal high speed polymerization.
- Ramp-up Mode – Light intensity gradually increases to full power to reduce composite shrinkage during polymerization.
- Pulse Mode – unit switches between high and low power every half second to reduce heat production.

Patient Chair



Headrest with 3D movement

Mechanical headrest to adjust patients' head

Flexible AE Position

Assembly can be positioned freely for 2 or 4 hands operations

Flat and slim backrest

Allows lateroflexion, i.e. the sideward bending of the patient's head

Trendelenburg position

Offered as a standard feature.

Xenos or Faro MAIA dental lamp

Flexibility and hands free operation thanks to the optical sensor on the lamp

Sewn upholstery

With optional **active foam** for the maximum patient's comfort

Comfortable arm rest

To make patients relaxed during the treatment



Patient Headrest



**2D Mechanical
Headrest**



**3D Mechanical
Headrest**
(for 3D movement)

Foot Control



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.



Assistant Element Basic



Standard pivoting arm

with x6 position holder and two buttons for cup filling and cuspidor rinsing

Instruments

- Saliva ejector
- Big and small suction hoses
- Syringe
- Curing light – Mectron Starlight, Monitex
- Intra-oral camera – DIPLOMAT



Assistant Element Advance

Standard pivoting arm

with x6 position holder and full-fledged assistant keyboard with ability to operate hygiene, light and whole unit.

Instruments

- Saliva ejector
- Big and small suction hoses
- Syringe
- Curing light – Mectron Starlight, Monitex
- Intra-oral camera – DIPLOMAT



Water Unit



**Distilled water bottle
system
+
funnel for bottle access**
(1,3L capacity standard
feature)



**Continuous water
disinfection system**
for automatic and intense
disinfection



**Suction hose
decontamination**
for decontamination of
suction hoses with chemical
agent

Water Unit – Suction Hoses options



Suction hoses with manual regulation (one suction filter)



Automatic suction control & Selection Valve (two suction filters)

Water Unit – extra options



Wet Suction

- Wet suction system with or without Dürr cuspidor valve

Dry Suction

- Cattani miniseparator
- Dürr CS/Metasys separator
- Metasys ECO-L1, separator water-air

Amalgam separators

- Dürr CAS
- Metasys MST1

Extra Options

- Boiler for water heating
- Integrated WEK system (in compliance with EN 1717)

Water Unit – extra options



Fixed cuspidor



Rotary cuspidor

Operating lights



XENOS LED LIGHT

- Light Intensity: 8.000 – 26.000 Lux
- color temperature 5500K
- Hands-free operation with sensor



FARO MAIA LED LIGHT

- Light Intensity: 3.000 – 35.000 Lux
- color temperature 5000K
- CRI >90
- Hands-free operation with sensor
- Optional 3D rotation

Integrations



MEDICAL MONITOR

Two possible variants:

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



TRAYS

- Tray tables, inclined or flat, with one tray made of stainless steel may be added as an optional accessory to all dental units.



The Model ONE your way.

Customize the chair's color selection and upholstery according to your taste. With dozens of options to choose from, it is time for your personality to shine.

No-sew upholstery

It is never too late to become a hobby interior designer. Choose from up to 49 different colors to complete the interior of your dental office. Your dental office, your decision.

Sewn upholstery with memory foam

With the sewn upholstery option we have added 20 premium colors to choose from. The memory foam in the chair is used to further increase the comfort for your clients.

Few of many swatch examples:



Mist



Green Turquoise



Cinnabar Red



Blush



Light Goldenrod



Plum



Oslo



Brandy



Beige



Mint



Fire Brick



Granite



Yellow



Sorbet



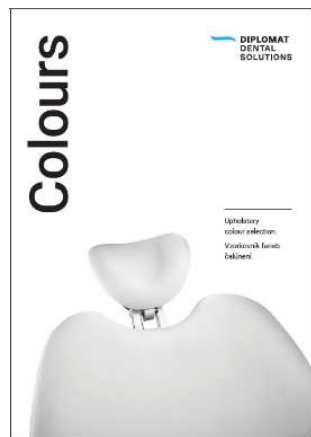
Sonora



Brown

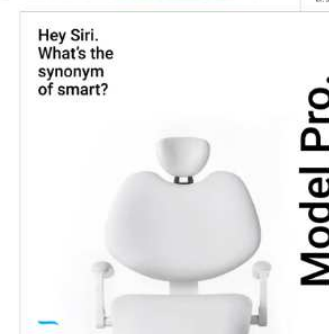
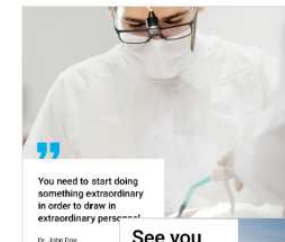
Marketing Materials

Printed Materials Catalogues



Online Content

Social Media content
Web blogs



Model One launch campaign

With new upcoming dental unit launching on the markets. We have decided to increase brand awareness about Model One. We will launch online campaign through selective markets from 01.02.2023.

Social Media

Diplomat - dental solutions
30. 4. 2022 · 🌐

The right choice



Looking for the right dental unit that will bring outstanding performance and provide exceptional comfort for your patient for a reasonable price? Model One might just be it.

Controlled via Diplomat Connect App

Chair movement cont

Product Webpage



Models Pro
500 & 700.



Models Pro
600 & 800.

Model One





Chair Pro.



Dental stools.

Activation at the IDS, AEEDC



A thick, blue, curved swoosh graphic that starts on the left, dips down, and then curves back up to the right, passing behind the text.

Thank
you