

FIMET
THE ART OF MEDICAL DESIGN



NEO One
For You and Your Patient



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WHY NEO ONE MAKES SENSE?

Neo One Dental Treatment Unit for orthodontics is a customizable and intuitive solution. Fimet set out to create a product stripped of all unnecessary features—leaving only what truly matters for orthodontic professionals. A Complete solution for Orthodontic work.



This brochure includes some optional features that are available for an additional cost.





NEO ONE – SIMPLE HANDLING. MAXIMUM VERSATILITY.

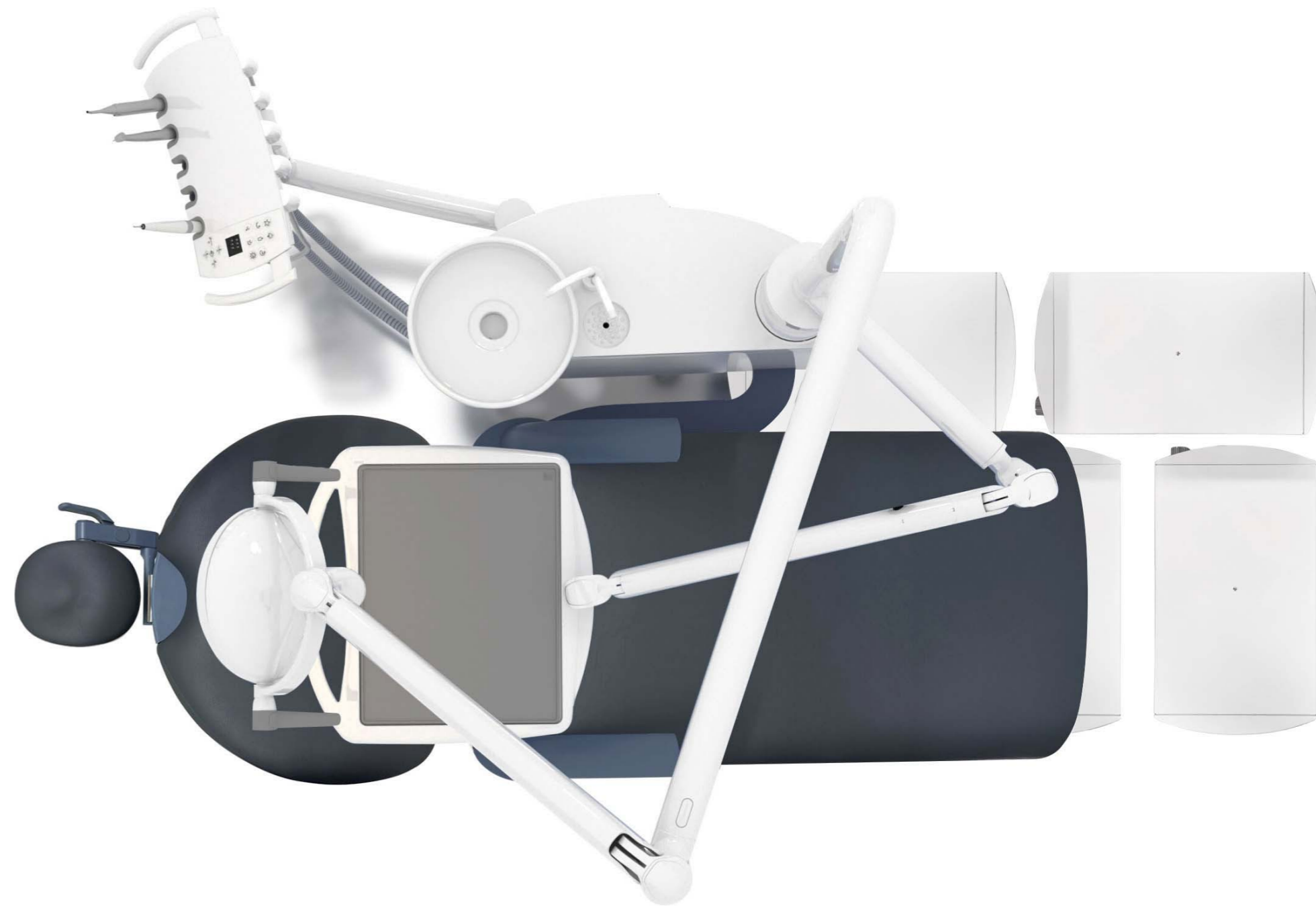
The Neo One was designed with a focus on ease of use and the broadest possible range of applications. It is intended not only for dentists, but also for dental assistants, for example in orthodontics or prophylaxis. It offers user-friendly operation and requires only minimal training effort for dental professionals. This applies both to clinical use as well as to the hygiene and maintenance processes of the unit.

Neo One is a compact solution without cuspidor and connection floor box that can be flexibly placed in front or on the side of the chair. This is why it is suitable for many different sized clinic rooms, and also complements different kind of working styles.

EFFICIENCY AND SEAMLESS INTEGRATION

Efficiency is further emphasized by the reduced need for staff per patient, thereby optimizing clinical workflows. The Neo One can be used as a single-operator system and is suitable for both right- and left-handed users.

In addition, its compact infrastructure integrates seamlessly into the practice and fits into almost any room without the need for major structural modifications.



INNOVATION AT EVERY ANGLE

Features You'll Love



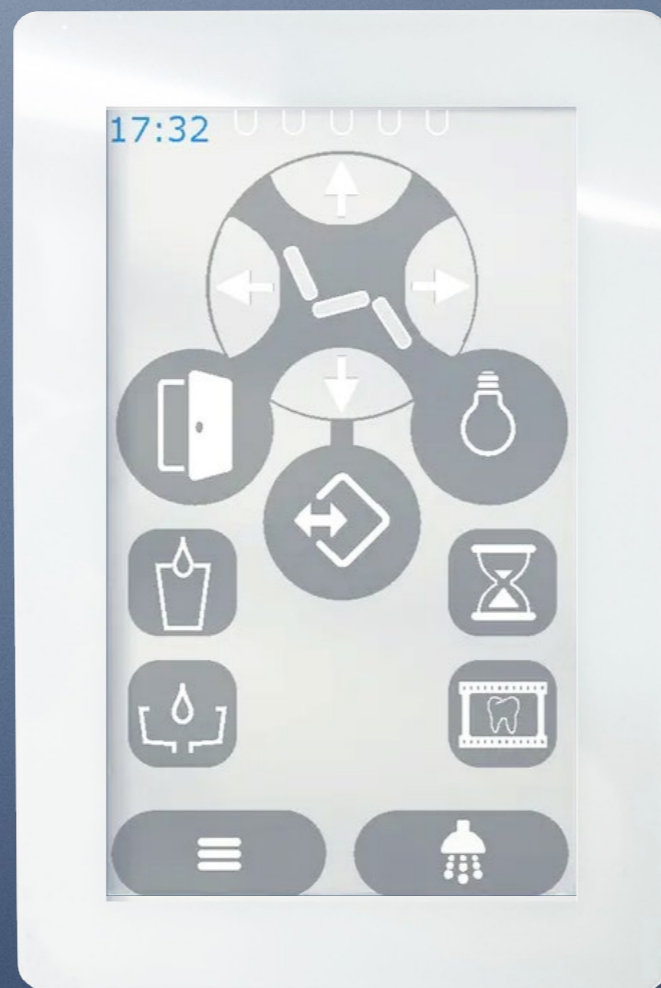
TECHNOLOGY THAT FITS YOUR WORKFLOW

Streamline Your Day

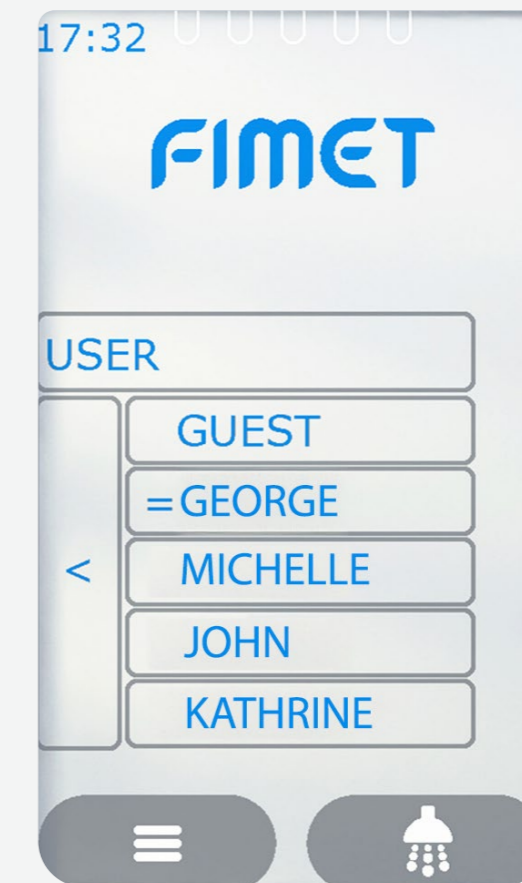
The touchscreen reshapes the way you use Fimet products. It has been designed to streamline your daily work with its intuitive, clear and easy to use user interface. User specific adjustments ensure that the unit feels like its tailored just for you.

Manage everything—chair adjustments, lighting, and instruments—through the intuitive touchscreen.

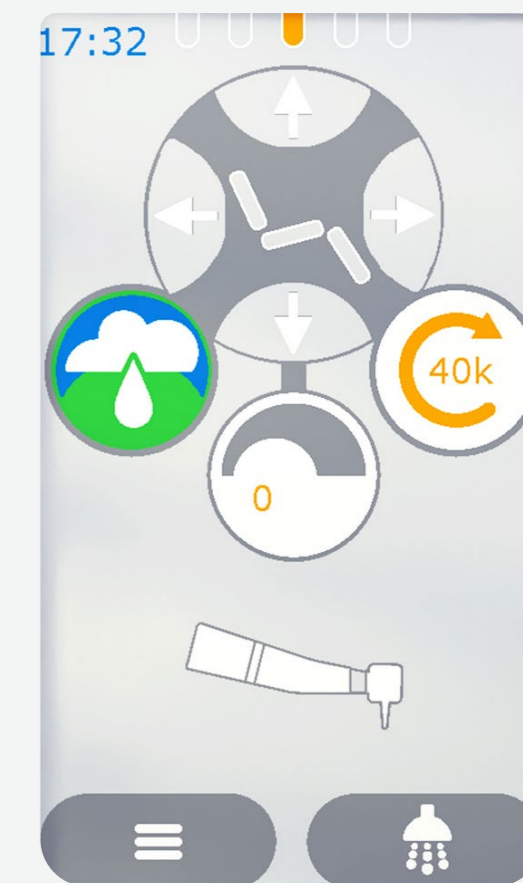
The simple, clear design ensures your team spends less time fumbling with controls and more time focusing on what really matters—your patients.



Save up to four different chair presets to boost your working ergonomics. When using pre-customized positions, your working position is best possible for you, every time.



Create and save custom settings for each staff member, from chair positions to instrument preferences. It's like having your clinic tailored to you every time.



Highly intuitive and easy to use instrument controls, designed for accessibility, guide your work with clear indicators in vibrant colors.

ERGONOMICS THAT WORK FOR YOU

Smooth Chair Rotation and Inclusive Design

The chair rotates 45° to both sides, allowing the workspace to adapt to different situations. With more working room around the chair, accommodating wheelchair users and other patients with mobility challenges becomes effortless.



SAVE EXPENSES

A dental unit without an instrument bridge reduces service costs.

With fewer hoses, solenoid valves, and circuit boards, the installation process becomes simpler — and maintenance becomes noticeably easier and more cost-effective.





THAT'S A FLEXIBLE ONE!

To create a truly intuitive user interface and ensure effortless access to the instruments needed during orthodontic procedures, we eliminated unnecessary consoles—keeping everything essential within easy reach.

Quickly adapt between 2-handed and 4-handed procedures. No stress, no delay—just seamless transitions.

Removable hygiene covers

Both the instrument console and the assistant's console are equipped with a hygienic silicone cover to ensure excellent hygiene.



Truly wireless

Hands-Free Control for Instruments, Chair, and More – Minimize Cross-Contamination and Enhance Workflow

The multi-functional and wireless Neo One foot control (horizontal or vertical) allows you to control instruments, the patient chair and other functions such as operating light and chip-blower.



Efficient instrument bridge

The instrument console is compact and can be equipped with up to five instruments to suit your needs.

The touch screen is an optional accessory that can be installed on either the left or right side of instrument bridge.



THE PATIENT CHAIR

A relaxed patient lets you focus fully on the treatment. A thin backrest allows the care team to get close to the patient. This ergonomic NEO Ceiling chair perfectly complements the whole. Different working positions can be individually programmed for multiple users.

The chair has an exceptionally wide range of motion of 450-950 mm, which allows you to work both sitting and standing.

The rotating arm rests allow easy access to the chair. These hygienic arm rests are removable.

A special cushion is available for children.

Two joystick foot controls for manual and automatic movements are located in the chair's base. The chair can also be operated from the instrument bridge and from the assistant's element.



QUALITY TOOLS

As you deserve the best possible tools to perform the most demanding treatments, we have only preselected instruments from well-established manufacturers for you. The choice is yours.

Micromotors

All our electric micromotors have internal spray cooling and light. They are compatible with all ISO Type E contra-angles and handpieces and are made by well-known European and Japanese manufacturers.

When working with any of the listed Neo One micromotors, you can choose and individually adjust between three speed ranges, making it easy to select exactly the speed you require.



KCL-LED COUPLING

LED COUPLING FOR KAVO MULTIFLEX

NSK, Japan

- Attach NSK micromotor to your existing Kavo MultiFlex system
- Colour temp 6500K and luminance 32000 Lux
- Adjustable water pressure



6- AND 3-WAY SYRINGES

DENTAL SYRINGE

Luzzani Dental, Italy

- Available in angled and straight type
- Stainless steel sleeve

MICROMOTORS



MX2 PLUS
Bien Air Dental, Switzerland

- Motor speed rating min. 100 max. 40 000 rpm
- Motor torque rating 3,5 Ncm
- Weight 79 g

Brushless motor.



MC3 LED
Bien Air Dental, Switzerland

- Motor speed rating min. 60 max. 40 000 rpm
- Motor torque rating 2,8 Ncm
- Weight 100 g

With autoclavable detachable sleeve.



MCX LED
Bien Air Dental, Switzerland

- Motor speed rating min. 1000 max. 40 000 rpm
- Motor torque rating 2,5 Ncm
- Weight 76 g

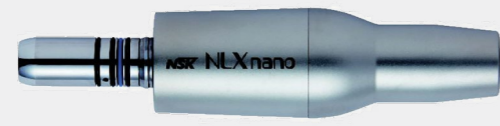
Brushless motor



NBX LED
NSK, Japan

- Motor speed rating min. 2 000 max. 40 000 rpm
- Motor torque rating 4,0 Ncm
- Weight 83 g
- Length 76 mm including hose connector

Solid titanium outer body.



NLX NANO LED
NSK, Japan

- Motor speed rating min. 2 000 max. 40 000 rpm
- Motor torque rating 3,4 Ncm
- Weight 61 g
- Length 68,8 mm including hose connector

Brushless motor, thus no need to change carbons as in conventional micromotor. Complete motor is autoclavable up to 135 °C.

ULTRASONIC SCALERS AND OTHER TOOLS



SATELEC MINI LED

CURING LIGHT
ACTEON, FRANCE

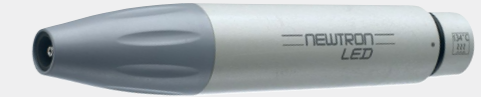
- Power output 1250mw/cm² - 2000mw/cm²
- Curing time is 6 - 12 seconds for 2mm of any composite



SATELEC SP4055

ULTRASONIC SCALER
ACTEON, FRANCE

- Frequency range 28-36 kHz
- Max. power output 9 W
- Delivery includes tips 1, 10P and 10X, protection tip and universal wrench.



SATELEC NEWTRON LED

ULTRASONIC SCALER
ACTEON, FRANCE

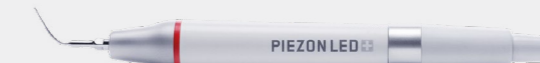
- Frequency range 28-36 kHz,
- max. power output 12 W
- Delivery includes tips 1, 10P and 10X, sterilisation box and one torque wrench



MECTRON STARLIGHT +

CURING LIGHT
MECTRON, ITALIA

- Power output > 1400 mW/cm²
- Curing Time 10-20 seconds for modern composites

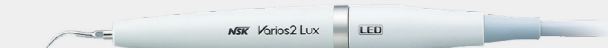


PIEZON NO PAIN LED

ULTRASONIC SCALER
EMS, SWITZERLAND

- Frequency range 24-32 kHz
- max. power output 8 W
- Delivery includes tips A, P and PS, autoclavable sterilisation box and 3 torque wrench keys

Dynamic power-response feature that constantly regulates the ultrasonic power to the applied load.



VARIOS 170 LED

ULTRASONIC SCALER
NSK, JAPAN

- Frequency range 28-32 kHz,
- max. power output 11 W
- Delivery includes tips G4, G8 and G16, autoclavable sterilisation box and 3 torque wrench keys

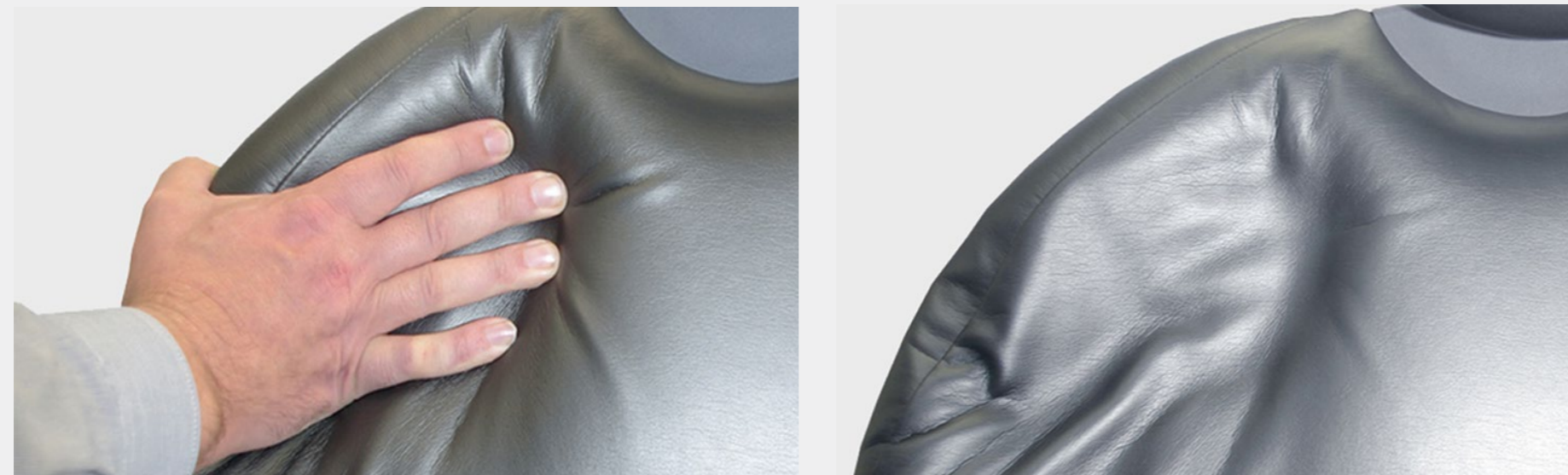
The iPiezo engine assures stable output by automatically adjusting to the optimum frequency depending on the loading of the tip.

COLORS

Choose your favourite

Seamless, easy-to-clean ComFORT and XtraSOFT upholsteries are available in many attractive colours. This material has a smooth and shiny surface with a skin-friendly coating. It is waterproof and can be disinfected.

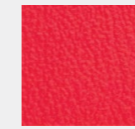
imitation leather from the FIMET -collection complies with the relevant regulations of the EC directive 93/42/EWG on medical devices, and it is biocompatible according to EN ISO 10993.



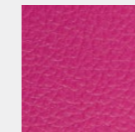
UltraLUX upholstery features a classic natural grain with a subtle luminescence that provides a hint of luxury and refinement. Memory foam adapts fully to the patient's body shape and is pleasant and relaxing.

The specifications and colours in this leaflet may vary from the actual product and are subject to change without prior notice. Ask your local FIMET distributor for colour samples.

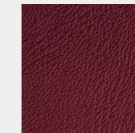
Ruby red
818



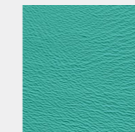
Orchid
1900



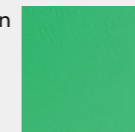
Purple red
802



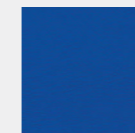
Turquoise
263



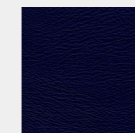
Emerald green
824



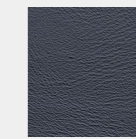
Royal blue
268



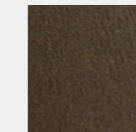
Night blue
225



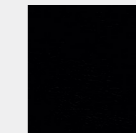
Anthracite
316



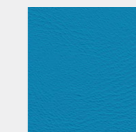
Chocolate brown
815



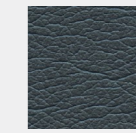
Black
260



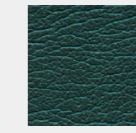
Ocean blue
819



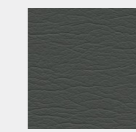
Metallic blue
2691



Forest green
4304



Graphite v2
5806





PATIENT LIGHT

In order to achieve the best results under health and safety conditions, dentists need to operate in a clear view environment. The light must be able to reduce the shadow effect of instruments and natural barriers to a minimum. We have chosen professional lighting system for you with advanced LED technology from leading specialised manufacturer.

POLARIS COMPOSAFE

Polaris Composafe features the COMPOSAFE mode, which eliminates wavelengths that cause premature photopolymerization, making it easier to work with composites and resins without the risk of pre-polymerization.

This gives the dentist more working time with the composite material.

The POLARIS COMPOSAFE lamp is equipped with a proximity sensor through which it is possible to turn the lamp on and off and switch from one mode to another.



GCOMM - POLARIS



Color temperature can be adjusted between 4 200 and 6 000 K. This allows the color temperature to be adjusted in order to improve the contrast on soft tissues, increasing the visibility and the resolution.

It is possible to adjust illuminance between 8 000 to 50 000 Lux.

An easily cleanable front cover keeps the reflectors protected from dust and damages.

An optional mirror and anti-polymerization filter can be easily added to your Polaris light.

FARO - EVA



Lighting level can be adjusted from 3 000 to 50 000 Lux.

Due to the high CRI value (Color Rendering Index) of 97 the quality of the colors and the details in the mouth of the patient are fully realistic and respected.

The optional FARO SCREEN protection cover with a patient mirror can be mounted on the light also afterwards.

STOOLS

Sit well and choose one of the stool options.



Classic



Dental



Pony



NEO One

Neo One redefines flexibility with a compact design that adapts effortlessly to your workflow. It's the smart choice for modern practices where space, efficiency, and style matter most.

For more information, visit www.fimet.fi or contact an authorized dealer.

FIMET

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FI-07230 Askola www.fimet.fi
Finland

The Neo dental chair is MDR-certified, ensuring it meets the highest standards of safety and quality. This certification guarantees both your peace of mind and your patients' well-being. We take compliance seriously, so you can rest easy knowing your equipment meets industry regulations.