

ABSOLUTE



EURODENT
Treat yourself!

TREAT YOURSELF !

As we all know **Vision Led Mode**, the worlds first Led dental operatory light, and **Blue Foot**, a revolutionary radiofrequency wireless foot control, are now used daily by thousands of dental professionals that treat patients on **Eurodent ABSOLUTE** dental units.

As we progress on the road to further hi-tech developments we are proud to present **WAYFINDER**, an innovative dental unit multifunctional graphic control system.

Since 1958 we have dedicated each day to developing ideas and new designs to improve your profession.

NICO CONTI
President Eurodent S.p.A.





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GRAPHIC CONTROL AND MORE

Eurodent Wayfinder, an innovative multifunctional, 5.7" LCD high definition, retro illuminated screen* for total control of all dental unit functions.

640 x 480 pixel and over 260,000 colours guarantee top grade picture quality. Clear and easyread graphics ensure fast and precise feature selection.

A dedicated screen image will appear each time an instrument is activated. Functions can then be set and visualized by the user. Numerous instrument options include high and low speed, scaler, curing light, electrosurge, prophy jet and whitening

modules. It is particularly indicated for endodontic treatment with brushless electric motors, as the following adjustable options are available: power, torque, backdrive, autoreverse, irrigation, C.B., and cold light intensity.

Technical data and logistic information including service dates can also be found on **WAYFINDER** for easy equipment maintenance.

* complies with EN 60601-1 Medical Electric Equipment Standard



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Wayfinder-much more than just a monitor



WAYFINDER is

WAYFINDER GRAPHIC

total dental unit
function control



WAYFINDER LIVE CAM

intraoral camera
image display



WAYFINDER TRANSFER

direct program management
and internet access





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TECHNICAL DATA

TFT-LCD	5.7	inch
RESOLUTION	640x480 RGB	pixel
DIMENSION	116,16 x 87,12	mm
BRIGHTNESS	220 nit	cd/m ²
CONTRAST	300:1	
RETRO-ILLUMINATED	LED	
COLOURS	262.144	colours

Wayfinder

Wayfinder can be connected to a pc via ethernet. As a result all existing programs are transferred and directly managed on **Wayfinder** (through WINDOWS CE 6.0 software) by installing a keypad and mouse on the dental unit USB outlet (wireless preferred).

All data directly acquired on **Wayfinder** (including digital x ray images) can be subsequently stored on pc for future consultation. Internet access is also available to ensure download of future system upgrades as well as web navigation whenever required.

Wayfinder can also directly display an intraoral camera image (single and 4 picture freeze frame) generated by an integrated camera module installed on the operator console.







Blue Foot

Blue Foot

**WIRELESS
TECHNOLOGY
FOOT CONTROL**

The **Blue Foot**, wireless dental system foot control, will, we believe, add a new dimension to treatment in the dental practice. It will guarantee complete freedom of movement to the end-user making patient treatment easier and more efficient. One single foot pedal, with no external cabling, can now control a wide variety of chair, unit and light functions, improving work technique. A joystick controls chair movements while all instrument features are activated through a rheostat. Unit and light features are also available from the pedal. This new, rechargeable, wireless system is also much safer and more hygienic than more traditional cable foot controls. **Blue Foot** is supplied with a re-charger and back up cable

that can be directly connected to the dental unit at any time. Currently, a wide variety of wireless technology is available. Bluetooth, Wifi and USB are all common examples. **Blue Foot** transmits a radio signal to a Eurodent dental unit on 2.4 Ghz frequency. One pcb in the foot pedal is dedicated to storing and managing all the foot control functions and a second pcb, mounted on the first, is programmed to transmit these signals to the dental unit. A receiver pcb is installed in the cuspidor to pick up the signals sent from the **Blue Foot** system. On dental unit installation, a single transmission channel is selected, each time, to guarantee no interference from other **Eurodent Blue Foot** dental units in the same practice.





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Vision Led Mode

Vision Led Mode

**THE FIRST
UNIT MOUNTED
LED OPERATORY LIGHT**

Innovation has always been a priority for **Eurodent**.

In the past we have researched certain requirements in the dental profession, put forward proposals, developed ideas, tested the applications and transformed them into innovative products.

Vision Led Mode is no different.

This **LED** system produces real, cold white light. Ten diodes generate a light source, visible to the naked eye, with a unique wavelength between 400 and 700 nanometers, without infrared or ultraviolet rays, eliminating the risks of heat and damage to human tissue.

The diodes are positioned in such a way as

to create a beam that focuses directly on the treatment area delivering up to 25,000 lux intensity at a colour temperature of 5,500 K.

Design, a concept that has always been an intrinsic part of **Eurodent** products. Attention to aesthetic and functional detail has inspired research in new and original forms.

Vision Led Mode, with soft, natural contours is the perfect casing for the high technology contained within the light itself.

The head is an elegant, well proportioned, hemisphere shape, supported by two smooth articulated aluminium arms to enable easy handling.

The white colour of the product itself adds to the extraordinary beauty of the whole concept.

Low energy consumption is increasingly important as it not only decreases costs but also creates less pollution improving our daily lives.

Vision Led Mode, also contributes to energy saving in the Dental Practice. Assuming the same light intensity, the 10 leds of **Vision Led Mode** absorb a total of 25 watts of electrical energy compared to 100 watts consumption of a normal halogen generated light.

Furthermore **Vision Led Mode** is guaranteed to last at least 50,000 hours operation at full capacity, well beyond other operating lights currently available.





White colour LED light equipment, class 1M, IEC 60625-1/A1; IEC 60625-1/A2.

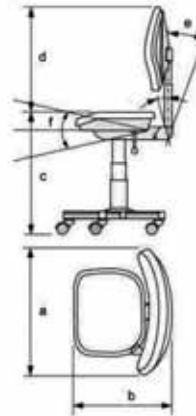
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Sit-in

3D DENTIST AND ASSISTANT STOOL

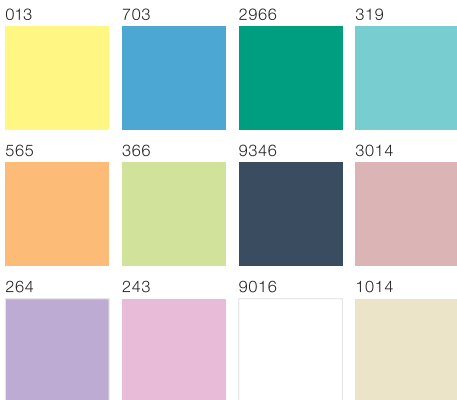
- 1st Dimension: height regulation
- 2nd Dimension: backrest tilt and height adjustment
- 3rd Dimension: seat tilt adjustment



a	width	410 mm
b	length	620 mm
c	seat height	min 450 mm max 585 mm
d	backrest height relative to seat	min 430 mm max 520 mm
e	backrest tilt	forward 8° backward 26°
	seat inclination system	up 1° down 8°
	total capacity	135 kg
	seat elevation system	gas cylinder

Sit-in

colours



ABSOLUTE ASYMMETRIC CHAIR

Absolute comfort is at the heart of this chair designed by Giugiaro Italdesign.

A large shaped backrest and enclosing seat create a sense of total wellness and offers greater patient support, without armrests and consequently more freedom of movement for the end-user.

The backrest is also available with a left-sided indent, particularly useful for frontal work positions. Low voltage electromechanical motors and high precision, SMD electronics guarantee silent movements, reliability and Trendelenburg positioning. A new type of upholstery padding adapts to patient shape by modelling itself around the contact surfaces

assuring maximum stillness during chair movements.

An anti-slide, seamless upholstery, available in 10 different colours, offers the right compromise between correct posture and patient comfort.

handed dentistry.

Practical for all work positions, it is particularly useful with frontal work positions. The anti-slide, seamless upholstery, available in 10 different colours, offers the right compromise between correct treatment posture and patient comfort.

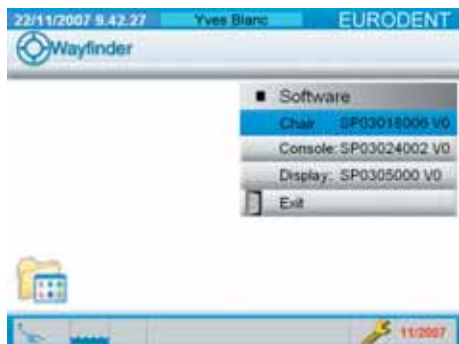
The low voltage electromechanical motors and high precision, SMD electronics guarantee silent movements, reliability and Trendelenburg positioning.

RELIABILITY AND ERGONOMY

Totally symmetric in shape, this clean, elegant, compact chair has two indents, ideal for left or right-handed end-users and classic 4



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Head on

Head On

The manual headrest, available in 3 versions (anatomic for standard treatment, prosthetic for frontal approach and magnetic, suitable for children) will satisfy the requirements of all individual work methods.

The electric headrest option, also available in the same 3 versions, allows the operator to position the patient head with a simple touch, so precise that headrest micro movements are possible to guarantee the best perspective for each single treatment.



Prosthetic Headrest

Designed to offer optimum frontal positioning using an angular movement that allows head to move towards the dentist.



Anatomic Headrest

Smooth and soft, this anatomic headrest is designed to offer perfect cervical support.



Magnetic Headrest

This system is comprised of a magnetic pad that slides on a separate smooth surface in all directions.



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Help
required

Help
required

3 DIFFERENT NURSE WORK STATIONS



Open Suction Tube Support

Complete freedom of movement, ideal for 4 handed dentistry. Includes a 15 control touch panel.



Open and Closed Suction Tube Support

An optimum compromise allowing easy 2 and 4 handed treatment. A 15 control key panel completes the system.

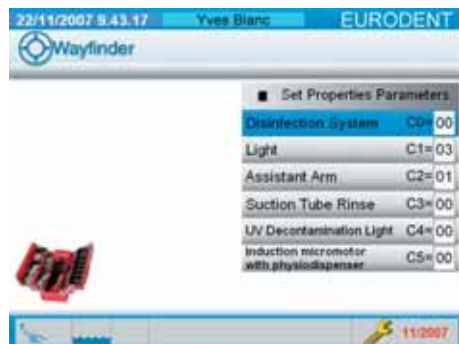


Closed Suction Tube Support

Total support and balanced suction tubes recommended for 2 handed dentistry. Available with a 9 control touch panel.

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White ceramic, both adjustable and extractable. Practical and hygienic.

Insider Absolute

Insider Absolute

CHEMICAL DISINFECTION LIQUIDS

Two chemical disinfection liquids are available. Calbenium, a solution that includes chloramine, allantonia, distilled water and sorbitol flavouring. As an alternative a hydrogen peroxide based liquid can also be used.

Laboratory tests* on both products show results of over 99% efficiency against bacteria and germ build up. Each solution can be used in conjunction with our automatic or semi automatic disinfection systems.

*Tests performed by Biochem-test report nos. 867130 and 0629/07 and available on request.

AUTOMATIC DISINFECTION SYSTEM



This systems automatically disinfects mains water to the instruments and tumbler filler. Allows over 10 days continuous treatment before a disinfectant refill is required.

SEMI AUTOMATIC DISINFECTION SYSTEM



Pressurized, explosion proof glass bottle feeds disinfected water to instruments.



The Absolute range includes a suction tube rinse and disinfection system. Simple to use, it ensures safety, hygiene and continuous efficient suction when used in between patient treatment.








ULTRAVIOLET LIGHT WATER DECONTAMINATION

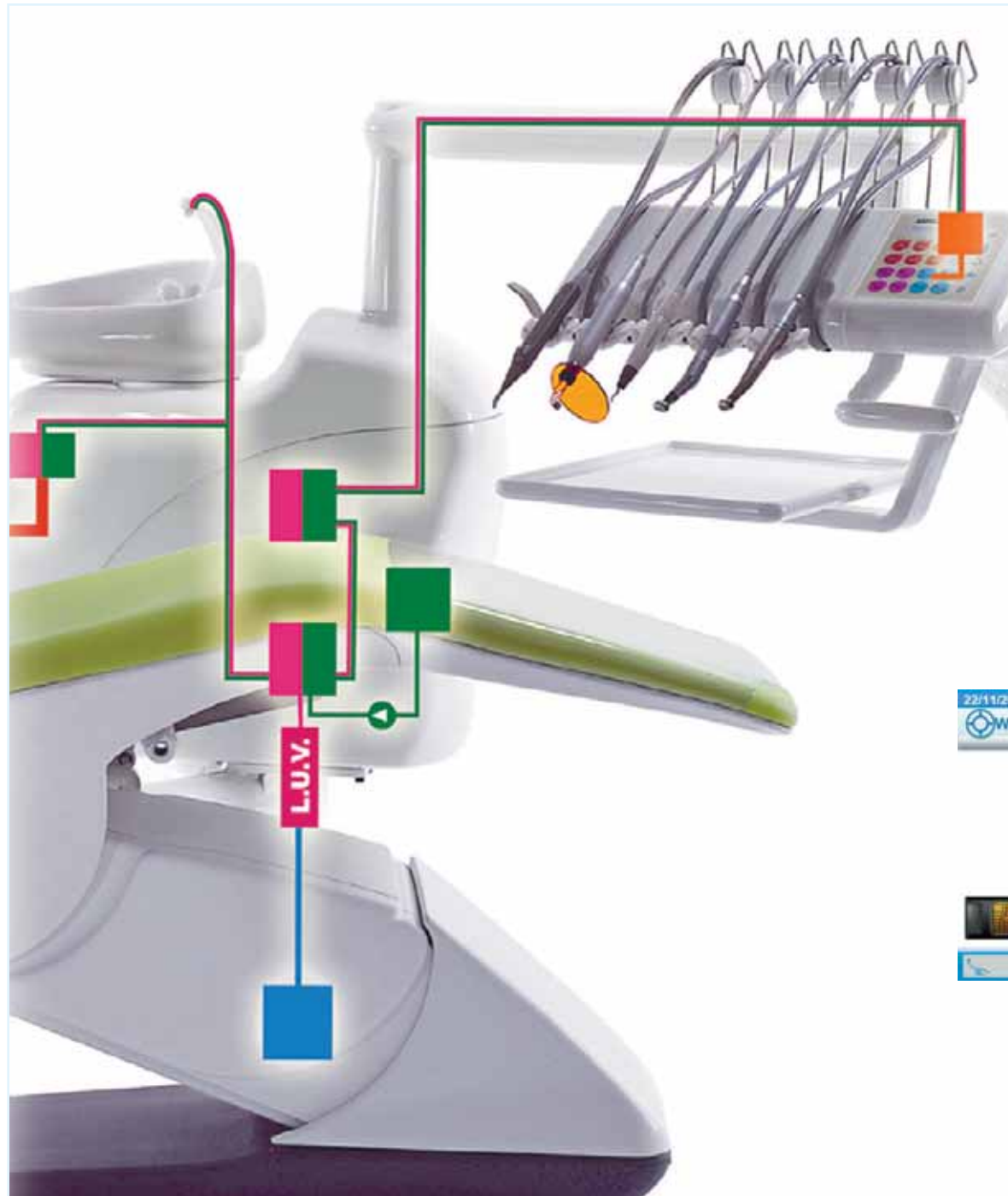
ABSOLUTE units are now available with an ultraviolet light system that decontaminates the water supply to the dental unit.

As a result decontaminated instrument and tumbler filler water is always available on the unit.

UV radiation, power and proximity to the water supply ensures decontamination of 3 l/min and bacteria elimination of minimum 99,88965%*. This percentage rises to 99,9994* if the L.U.V. system is used in conjunction with automatic chemical disinfection.

*Test carried out by BIOCHEM LABORATORIES, Bologna Certificate No. 0577/2 dated 23/03/2006 Available for consultation on request.

- H₂O 
- Chemical Disinfection 
- UV Decontamination 
- Anti-Retraction System 
- Suction Tube Rinse 



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Absolute
offside &
in motion



ABSOLUTE IN MOTION

Cart system

This mobile delivery system, mounted console, allows total flexibility and freedom of movement.

Work positions 10h through to 15h are advised for these treatment centres.

This solution is ideal for left-handed dentists and associate practices in which the same units are used by both left and right-handed dentists. Adjustable in height and modular in concept, the Cart can be supplied with either traditional hanging tubes or balanced arms, a system exclusively available from Eurodent. The Cart is normally an integral part of a complete treatment centre but can also be installed as a «stand alone» item.

Absolute
offside &
in motion



ABSOLUTE OFFSIDE

A side delivery hanging tube system designed to conceal instruments from patient eyesight. Ideal for 10-12 o'clock work positions. Instrument tray above the patient offers easy operator and assistant access. Adjustable console handpiece supports ensure safe instrument handling.

The modular console enables user to choose different instrument positions and is brake adjustable in height.

A nurse syringe is recommended for 4 or 6 hand treatment with this system.



SPLIT

Main console installed as a side delivery unit. Cabinet or stand alone mount.

Satisfies all common work techniques. Very patient friendly.



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dual control
dual control

DUAL CONTROL

A new approach to ambidextrous delivery systems.

There is an increasing need for totally versatile dental units in multi enduser practices. Dual Control, an innovative adjustable assistant arm, enables both right and left handed dentists to treat patients on the same dental unit.

A suction arm rotation of over 180° ensures correct surgeon and nurse positioning around the chair with the greatest range of motion. The cuspidor is always in a fixed position and as a result no wear and tear on utility tubings occurs, a problem often encountered on systems with rotating spittoons.





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Snow How



Snow-How



it's all a question of
snowhow ❄️

**A NEW LED TOOTH
WHITENING MODULE**

Tooth whitening is currently one of the most popular dental treatments available.

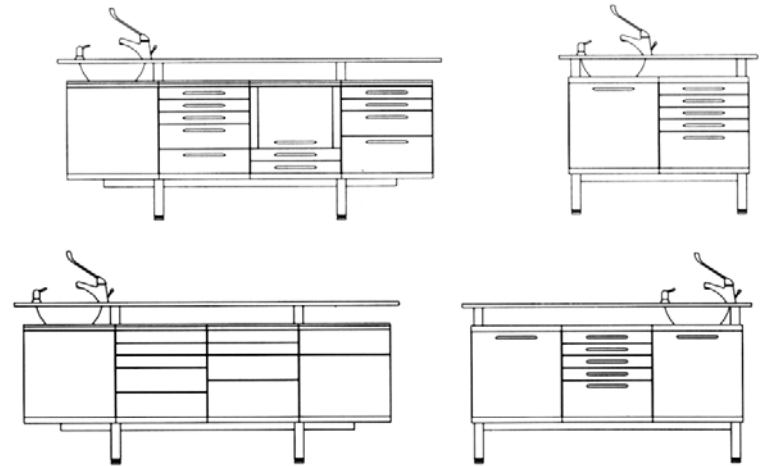
SNOWHOW is the only bleaching accelerator system fully integrated into a dental unit. This module works in conjunction with up to 35% hydrogen peroxide level gel application. Five blue leds (ideal for whitening) emit a frequency that ensures maximum expansion of the O_2 in the shortest possible period. Estimated treatment time is two 10-20 minute sessions and results show up two 8 shade improvement on the VITA scale. The integration also allows dentists quick and easy access to the system.





du colour LED light equipment, classe 2 seconde IEC 60325-1; IEC 60325-1/A1; IEC 60325-1/A2

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OnTheRocks

OnTheRocks



Glass top cabinets designed and manufactured by **Eurodent**. Design and hygiene, together with ergonomics and flexibility are important aspects in modern dentistry. These fundamental features can also be found in the **ON THE ROCKS** cabinet range. The contoured, raised level glass top and foot mounted cabinet elements create a futuristic design. Furthermore high quality accessories and colored cabinet tops add to the quality image of this product. Smooth, wipe clean styling and rubber seals fitted to the drawers contribute to a dust free environment. Its modular concept allows flexibility in design and the innovative construction of the cabinets, including high

ontherocks cabinet range

quality runners on the drawers for easy movement, ensures a perfect fit every time. On this basis **Eurodent** can equip a surgery with a range of cabinets that will satisfy the exact requirements of the dental professional and ensure maximum efficiency and ergonomics in the dental practice. As we all know, safety is also of vital importance in a dental clinic. For this reason a part of the cabinet range is dedicated to dental product sterilization. Special emphasis has been placed on asepsis with simple, smooth and easy to disinfect surfaces. Autoclaves, thermosealers, ultraviolet light systems and other types of equipment can be integrated into the cabinets to complete the setup.





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X-Treme

X-TREME-70 kV X-RAY

This 70 kV intra-oral X ray is particularly well designed and also very functional. As with the Eurodent range of dental units the surfaces of **X-TREME** are also smooth contoured with no sharp edges making it safe to use and easy to clean. The arm is perfectly balanced and can be easily positioned. Furthermore the wide extension range and microprocessor control panel all add up to a perfect intra-oral X ray system capable of adjusting to all types of work methods.



Double Vision

A NEW LED LIGHT SOLUTION FOR SURGICAL TREATMENT

The light is generated by a double head, each with independent articulation, to ensure correct lighting on both sides of the patient. The two heads, individually equipped with 10 Leds, generate a minimum of 60,000 lux, at a total colour temperature of 5,500 K, equivalent to daylight, generating a real white light, revealing true oral cavity perspective. The absence of ultraviolet or infrared rays eliminates the risks of tissue damage and heat generation.

The light is especially recommended for 6 handed dentistry or practices specialized in



surgical treatment.

The double head guarantees a light source from each side of the oral cavity and will reduce shadow effect to a minimum. Double vision can be supplied on a fixed ceiling mount or track system for maximum manoeuvrability and clear open space in front of the patient.

No touch activation and adjustable double intensity are also available, on each head, for total light control.

Double Vision - Also Energy Saving. This system, on full power will consume a maximum of 60 W with a lifecycle of 50,000 hrs. No other light in the dental industry will guarantee such high performance.

Double Vision

LED MODE



White colour LED light equipment, class 1M, IEC 60825-1/A1; IEC 60825-1/A2.

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