

# ULTRADENT

DENTAL UNITS. MADE IN GERMANY.



**PREMIUM CLASS: EXCLUSIVE,  
DYNAMIC, GROUNDBREAKING.**

vision U puts you on the right track to fulfilling all  
of your demands.



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ULTRADENT now presents the  
new premium standard

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FOR OTHERS, THE FUTURE IS UNCLEAR.  
FOR ULTRADENT, IT'S HERE, NOW!



**U 6000**



**U 1600**



**vision U**

Dear Dentist,

You have certainly asked yourself about the future of dental treatment. Where is technology heading? What distinguishes revolutionary treatment units from all the others?

With ULTRADENT, you have one foot firmly planted in the future. Even better: Our groundbreaking premium class provides the highest-quality treatment units. You don't have to wait for them – they're available here and now.

ULTRADENT is heralding in a new era – the ULTRADENT Premium Class can now be optionally fitted with the revolutionary vision U multimedia system. With its large multi-touch monitor, expanded patient administration function, easy quality management system and many additional features, it gives you and your patients exhilarating views into the future of dental medicine.

A true Eureka moment in Dentistry!  
To find out more, just turn the page!

## DO YOU DESIRE PERFECTION THROUGH PRECISE TREATMENT? **U 6000** YOUR ONLY SOLUTION WHEN YOU DEMAND THE BEST

Are you looking for a compact, stylish and stunning treatment unit that perfectly fits your exceptionally high requirements? The U 6000 is the ideal model – and it is now newly defined to be the premium standard.

As this treatment unit optionally comes with the revolutionary vision U multimedia system, which includes a 21.5" touchscreen monitor, digital intraoral camera and many innovative functions, the future can begin immediately in your practice. Effortless, sophisticated quality, simple and more efficient patient administration, exciting patient entertainment and intuitive visual support management.

The dentist's element with its 7" touchscreen display, can be swivel mounted to the side of the chair or is available as a mobile cart. The choice is yours. No matter which version you choose, the U 6000 has the potential to impress you, your team and your patients with its superb performance.



The **U 6000** is shown here with standard paint in pure white, RAL 9010 with upholstery in white 9002 T and the vision U desktop in white as well.



## CONCENTRATED POWER FOR YOUR TREATMENT ROOM

The U 6000 is the treatment unit with high-class features. Its functional, durable patient chair with top-quality instruments, elegant upholstery, a wide selection of high-tech colours provide the utmost in distinction. This model offers everything you need when you make superior strategic investment in your practice.

Highly diverse, unrestricted positioning results in exceptional ergonomics that ensures perfect comfort and maximum flexibility during treatment. You'll be amazed.

U 6000

### PREMIUM CLASS EXTRAS:



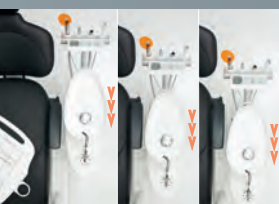
#### Solaris 2

The latest generation of LED treatment lamps puts everything into the best light with a new level of quality. It features the highest spectrum of controllable lux numbers and the highest CRI value for determining tooth shades that can be achieved with LEDs.



#### Mobile Control Panel

Instead of the element mounted on a swivelling arm, you can select the mobile cart version which provides even greater freedom of movement and positioning. It also comes with a colour touch-display in tablet PC format..



#### Sliding water unit

Mounted on a sliding track, the assistant's element can easily be moved forwards or backwards. Convenient for the patient and improved accessibility for your assistant.



#### Swivelling ceramic bowl

The times are over when your patients practically had to be athletes to stretch far enough to rinse out their mouths. The basin mounted on the water unit moves to meet your patient – today, relaxed comfort is "up-to-date".

## FUTURE PROOF INVESTMENT THAT SCORE BIG!

# U 1600 IS YOUR FIRST CHOICE – CONVENIENCE AND ENTHUSIASM INCLUDED

Are you thoroughly impressed? We promise you: With the U 1600, your satisfaction in terms of function and treatment comfort will last for a long time. The basis of this premium treatment unit is a highly stable pivoting arm that ideally combines the dentist's element and tray table. Both elements are securely connected. Everything you need is at your fingertips. All instruments are comfortably positioned and only one hand movement away. This lets you concentrate completely on your dental art.

Because the premium unit U 1600 can be optionally fitted with the innovative vision U multimedia system, you can step right into the future, e.g. by displaying pictures taken with the intraoral camera directly onto the 21.5" touchscreen monitor, manipulating the images with elegant smart-touch gestures or scanning the codes for administration of the patient records.



The **U 1600** is shown here with standard paint in pure white, RAL 9010 with upholstery in white 9002T and the vision U desktop in white as well.

## HIT THE MARK: IT'S EASY WITH THE U 1600

No matter which feature you look at on the U 1600: It ensures the high score for your practice. You get a functional, durable patient chair that we finish with elegant upholstery in a multitude of colours – you'll easily find a colour combination that's perfectly suited to the ambience of your rooms.

The control panels for dentists and dental assistants have both an easy-to-read 7" colour display. The smart touchscreen provides simple precise control of all functions.



U 1600

### PREMIUM CLASS EXTRAS:



#### Large colour operating display

The new operating display in the dentist's element is now in a 7" tablet PC format for convenient and easy operation. The display corresponds precisely to the 21.5" monitor during treatment, the settings being clearly displayed on a status bar.

#### Assistant's element

The controls for the patient's chair and all other important



functions are located on the generously dimensioned control panel. Both of the suction hoses are individually switched and rinsed with water during suction for optimal hygiene.

#### Patient's chair with the greatest comfort

Patient comfort is the most important standard. Various head supports with magnetic head-rests ensure a perfect fit. Soft upholstery for the entire chair



adapts to the exact body form of each patient. If desired, the soft upholstery is available with an integrated massage function.

Optional armrests (right / left) complete our comprehensive range of accessories. They are adjustable which ensures ergonomic perfection, whether the patient is in a sitting or a lying position.

**WELCOME TO THE FUTURE!**

# VISION U GIVES ULTRADENT'S PREMIUM STANDARD THE POTENTIAL FOR TOMORROW

For our premium units, we have always followed the precept of combining the highest quality with unrivalled functionality. With vision U, advanced multimedia system, we take this one step further.

vision U is the pioneering program platform with both hardware and software. The system offers integrated functionality that leads the way to future proof dental treatment. Intuitive interface with the touchscreen monitor lets you profit from a new level of patient administration, patient entertainment, simplified quality assurance, visual guidance as well as service and maintenance support.

**The next-generation integrated intraoral camera** is unique. Featuring auto-focus and 250x magnification, offers confident simplicity in its use. With the inbuilt QR code scanner, all of your staff can log onto the system and work with the information on it. Because the camera has a bar code scanner, codes on sterilised instruments and used specimens or the labels of administered drugs can be photographically recorded and saved in the patient's record. This makes your documentation even more secure. The signal output for the camera and foot pedal is now effected by USB. This enables the usual workflow for the intraoral camera and data acquisition (storing of images) to still be done by the established computer networks..



[www.vision-u.de](http://www.vision-u.de)

## Advantages for the DENTIST

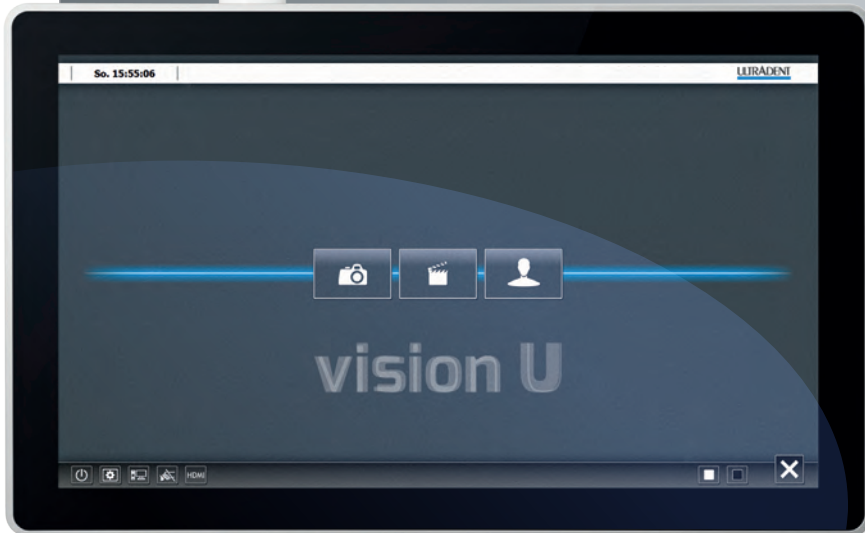
vision U paves your way in all things: retrieving patient data during treatment, entering new information and expanding your patient administration. It also gives you great visual support: the large multi-touch screen features a clearly organized status bar that shows the current instrument settings and breathtakingly reproduces 2D and 3D x-ray images. And of course, there's the highly versatile intraoral camera. All of this opens completely new horizons.

## Advantages for the ASSISTANT

For complete hygiene management, your assistants now receive guidance from the system. Procedures can be assigned and documented, reminders given for those not yet completed. Messages shown directly on the monitor help prepare individual treatments even better.







## VISION U HIGH DEFINITION TOUCHSCREEN MONITOR – FOR SMART OPERATION WITH BRILLIANT LOOKS

The vision U full HD screen with its impressive 55 cm screen-diagonal and high resolution (1920 x 1080 pixels) will rapidly become the visual highlight of your treatment room.

Its highly sensitive, anti-reflective glass surface enables the most modern multi-touch-functions – even with medical gloves. Images from the intraoral camera or existing images from the patient record can be seen in real time, enlarged, zoomed, turned... and all with elegant smart-touch gestures and in crystal-clear top quality, including a 2D and 3D x-ray viewer. An additional HDMI input on the monitor enables a second monitor or any other digital device to be connected.



### Advantages for the PRACTICE

Because vision U protocols all data before, during and after a treatment, your quality assurance benefits decisively. Workflows and hygiene can be assigned to individual employees and patients. Errors, misunderstandings and complaints can be prevented. Because vision U has an integrated maintenance platform, the technical status is always visible. And the browser application makes all functions exceptionally easy to manage.

### Advantages for PATIENTS

Thanks to vision U, every patient can be personally greeted on the monitor. By touching the screen, the patient has a selection of different entertainment and information programs to view while waiting for treatment. The patient can bring images and reports on a USB stick for entry into the system via the USB port on the monitor. The new information can then be saved to the patient's record.

## AN UNSURPASSED CONCEPT NONE OF YOUR NEEDS ARE LEFT UNMET

No one except you knows which equipment and features are the most important for your daily work. Your treatment routine is the standard. Your style and individual preferences are the measure of all things. The pioneering premium class ULTRADENT treatment units would not be perfect if they didn't automatically fulfil these demands well. This is why we have developed many additional options for the U 6000 and U 1600. Each of these options can increase your individuality and flexibility.



### Solaris 2

One of the many brilliant features: The Solaris 2 treatment lamp shows the new dental lighting standard based on wear-free LED technology. With a CRI value of 95, it enables a level of colour reproduction that represents the maximum for LEDs. This is ideal for determining tooth shades. Solaris 2 can be effortlessly controlled via microprocessor. It has an adjustable light intensity of 2,500 to 42,500 lux and a permanent colour temperature of 5,000 °K; silent in use with low power consumption and minimal heat generation. The most important functions (e.g. the brightness regulator) can be conveniently operated from the control panel for dentists and dental assistants.

### Hygiene functions

For thorough hygiene, the handles of the Solaris 2 and the tray table can be easily removed and reattached.

The low-maintenance filter system enables fast cleaning with a few simple steps.

Turbine hoses, motor hoses, scaler hoses and syringe hoses can be rinsed directly at the workplace in a separate attachment.

## U 6000 mobile dentist's element

You can also order your ULTRADENT U 6000 with a mobile dentist's element instead of the chair-mounted version. It gives you unlimited mobility around the patient. The stable and durable rollers on the element move the cart without a sound and run so smoothly that your instruments seem to float.

You can operate the element via the programmable foot control – or using the modern touch display on the top. The display and the large vision U multi-touch monitor seamlessly correspond to each other, providing you with completely new work options.

# PREMIUM

## Upholstery colours and special paint

For practices in which a crisp white treatment unit would be the 'icing on the cake', we illustrate the U 6000 and U 1600 in these colours in the opening pages of this brochure. But don't be deceived by such purism. When it comes to showing our true colours, both treatment chairs are very versatile. You can choose from 14 individual upholstery colours. For the truly individual look, you can choose either full or partial paint in any RAL colour that is available. We apply our paint in three layers, which makes it extremely durable and colourfast. With a myriad of upholstery and paint combinations you can certainly find a combination to suit the ambience of your practice.

Would you like to see this with your own eyes? Then why not take a look at our website – [www.ultradent.de](http://www.ultradent.de).



## Colour display in 7" format

With its 7", the attractive and colourfully designed touchscreen display on the control panel for dentists and dental assistants is the same size as a tablet PC. This makes it much more convenient for you to control all settings and instruments precisely and as you need.

Gentle fingertip strokes on the generously sized user interface are all that is needed to set and control all essential functions of the treatment unit. You can programme the chair position, retrieve 16 instrument programmes on four operator levels and if necessary, activate the RKI function directly on the touch display.



# SPECIAL



1



2



3



4

## Instrument diversity

We can customize the position of each individual instrument to suit your specific surgical requirements. You only need to tell us what you and where you want it.

- 1 | KL 7 S micro-motor
- 2 | Newtron scaler, piezoceramic, with LED light
- 3 | Electro-surgical unit
- 4 | Saline pump

## ULTRADENT PREMIUM MEANS THAT WE MEET ALL YOUR DEMANDS: INDIVIDUALLY AND FULLY

Because we continually invest in the development of our products, we always stay abreast of current and future challenges in dentistry, we understand the many and varied ways that our customers work. The broad spectrum of potential options from which you can choose reflects this expertise. Here, we list a selection of options available for the premium ULTRADENT units.

### Additional equipment (selection)

#### Dentist's element

- > 3-way syringe
- > 6-way syringe with / without light
- > 2nd light turbine device for 4-hole connector
- > Turbine device(s) with adjustable speed
- > Additional light micro-motors KL 7 S - LED, (100 - 40,000 RPM)
- > Torque control KL 7 S - LED
- > Light micro-motor K 2 (4,000 - 40,000 RPM)
- > Scaler, piezoceramic, SLIM - LED
- > Saline solution pump, attached
- > Surgery motor with torque control
- > Prophylaxis powder jet, built in
- > Electrosurgical unit, attached
- > X-ray image viewer, LED in 15 cm x 30 cm format
- > Foot pedal F 9 wireless, infinitely variable
- > Unit height adjustable, (5 cm - 10 cm)

# OPTIONAL EQUIPMENT

#### Water unit

- > Automatic separator, Dürr CS1
- > Amalgam separator Combi CAS, Dürr
- > Ceramic bowl, swivelling
- > 3-way syringe
- > 6-way syringe with / without light
- > Light polymerisation mini-LED
- > Hydro-colloid connection with two quick-lock mechanisms
- > Double pivoting arm for assistant's control panel
- > Automatic water-rinsing suction hoses
- > 3rd suction hose large / small

#### Tray table

- > Holder for disposable cups

#### Patient's chair

- > Narrow backrest at no extra charge
- > "Uni" headrest, telescopic, double-articulated
- > Memory foam head cushion
- > Armrest left / right

- > Upholstery cover for patient's chair, without padding
- > Soft cushion for patient's chair
- > Soft cushion for patient's chair with massage function
- > Comfort cushion with genuine leather
- > Comfort cushion with genuine leather and ventilation
- > 230 V power outlet for water, air and non-heating devices

#### Treatment lamps

- > Solaris 2 treatment lamp
- > Solaris 2 ceiling model

#### Dental stool

- > Ei-UD, IRON A, D and S, Pluto, Pluto LE dental stool
- > Comfort cushion with genuine leather (only for IRON A)

#### Special paint finishes

- > Individual complete paintwork
- > Accent colours (water unit above, assistant's element, dentist's element)



View all our individual treatment units at: [www.ultradent.de](http://www.ultradent.de)

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