

UnicLine S
by heka dental



The Right Mood

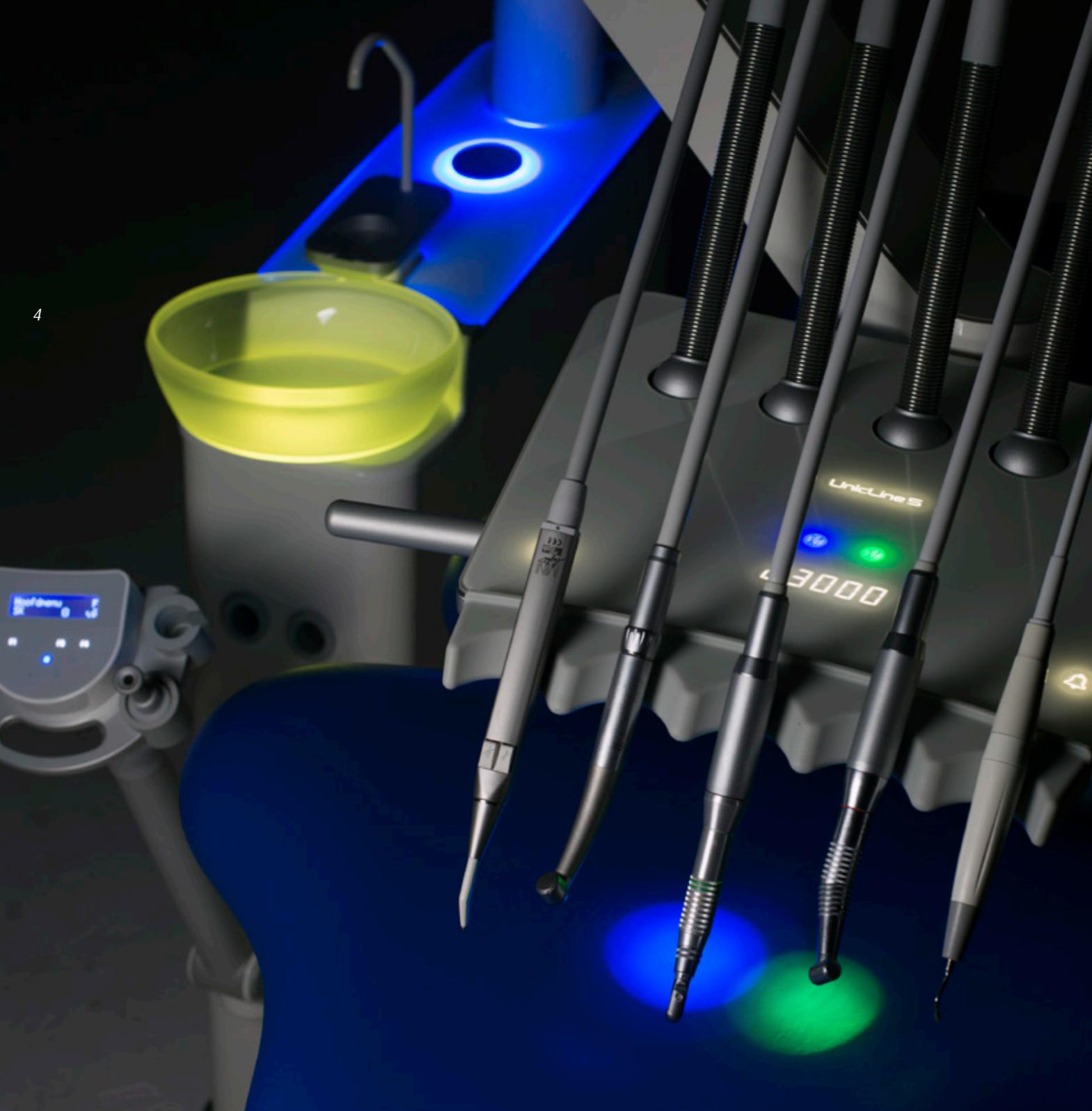
*Imagine that you are sitting alone and looking up at the sky.
Your thoughts float away, and you experience an inner calm that
spreads through your body.*

This is exactly the mood that we have tried to create.

*UnicLine S gives the patient the optimal chance to relax, while the
dentist and assistant work calmly and effectively.*

*With UnicLine S, LIGHT has played a key role in the inspiration
of the design.*

*Our goal with UnicLine S has been to create a beautiful functional
design that is in line with the modern Danish design tradition, with
clean lines and focus on the beauty in simplicity.*



A functional, beautiful and simple Nordic design

UnicLine S is the first dental treatment center, which is born with integrated LED touch displays in the elegant, hygienic surface of tempered glass. The solid construction in aluminium and the beautiful, clean, Nordic design creates a pleasant and relaxing work environment for both dentist and patient. Lighting has also been an extremely important element in our work on UnicLine S, e.g. the dentist and dental assistant are able to see the active instrument from the corner of their eyes and thereby they are able to stay focused on the patient's mouth without having to look round. Using the correct light is what we call lighting ergonomics.

Welcome to your new dental treatment center - UnicLine S

Asbjørn Helwiig Nielsen, CEO



7
Today, emphasis is on ergonomics, durability and design.

We see a much higher focus on interior design, wellness and feelings.

Visually, the console is very clean in its expression, with a simple, clean shape supported in its expression by a glass surface mounted on an anodized aluminium sheet.

UnicLine S with this feature is the first dental treatment center that can adapt to the surroundings because you can program the colours to match the design of the clinic.



Ljusergonomi

9

In the design of UnicLine S, we have had a great desire to combine the beautiful with the practical. In addition, we have added glass as a completely new and unique element in the 'unit world'.

The surface of both the console and the instrument tray is tempered glass. In terms of design, the glass surfaces provide the great advantage that it has been possible to integrate displays and coloured LED lights in both the console and the spittoon bowl.

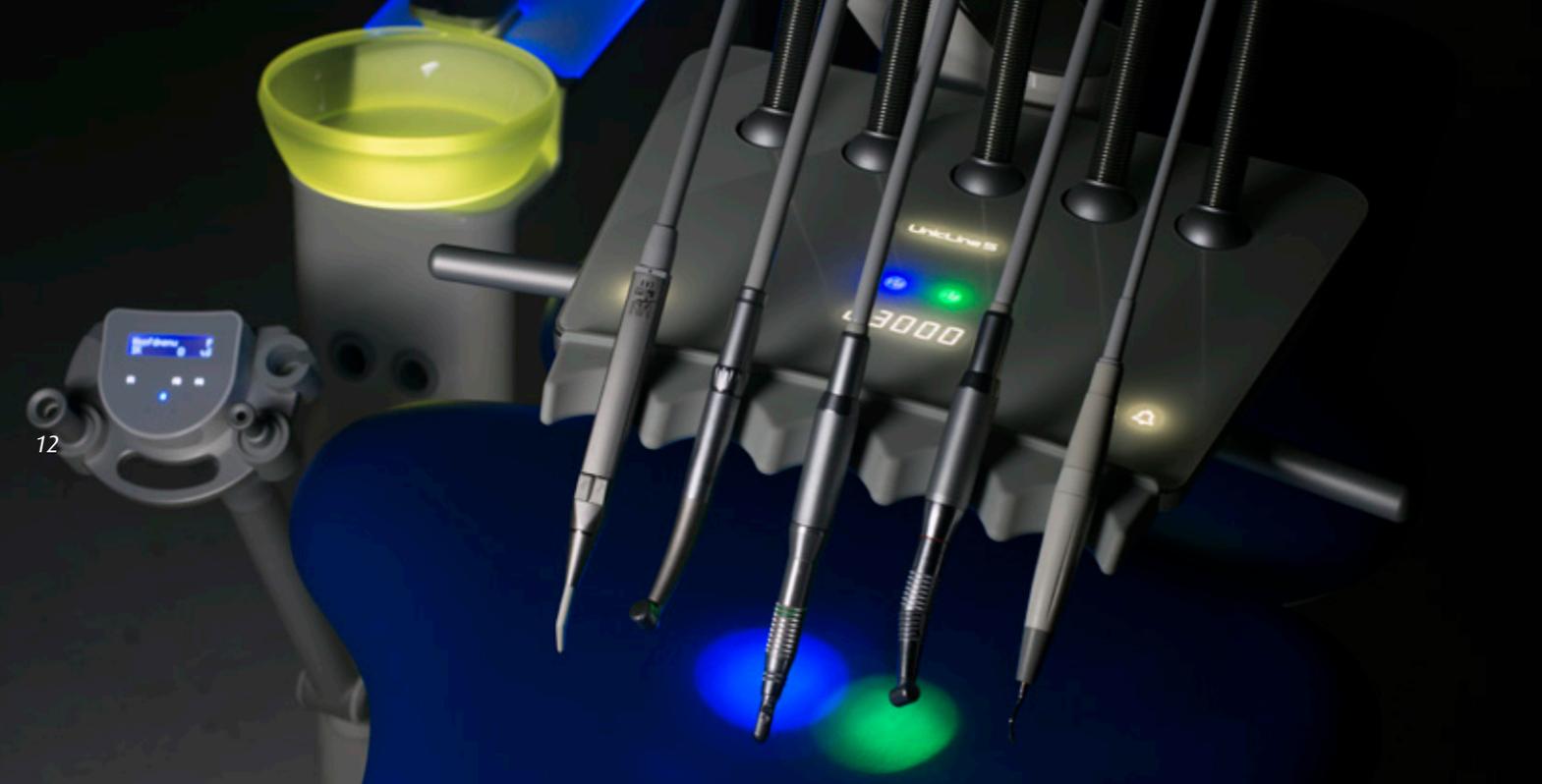


UnicLine S - with the most hygienic surface

The display and touch keys are located under the glass of the delivery tray and console and are only visible when relevant for the situational function – this creates a streamlined look and we avoid straining the eyes.

With a surface of hardened glass, we have created the most hygienic surface on a dental treatment center and to make cleaning easier the display/touch keys can be deactivated.

The integration of displays also means that less surface area needs to be cleaned between patients.



12



We all know the familiar situation where we want to keep our eyes on the patient's mouth, but often we are forced to look away to check instrument settings during treatment – such as simple information about instrument spray.

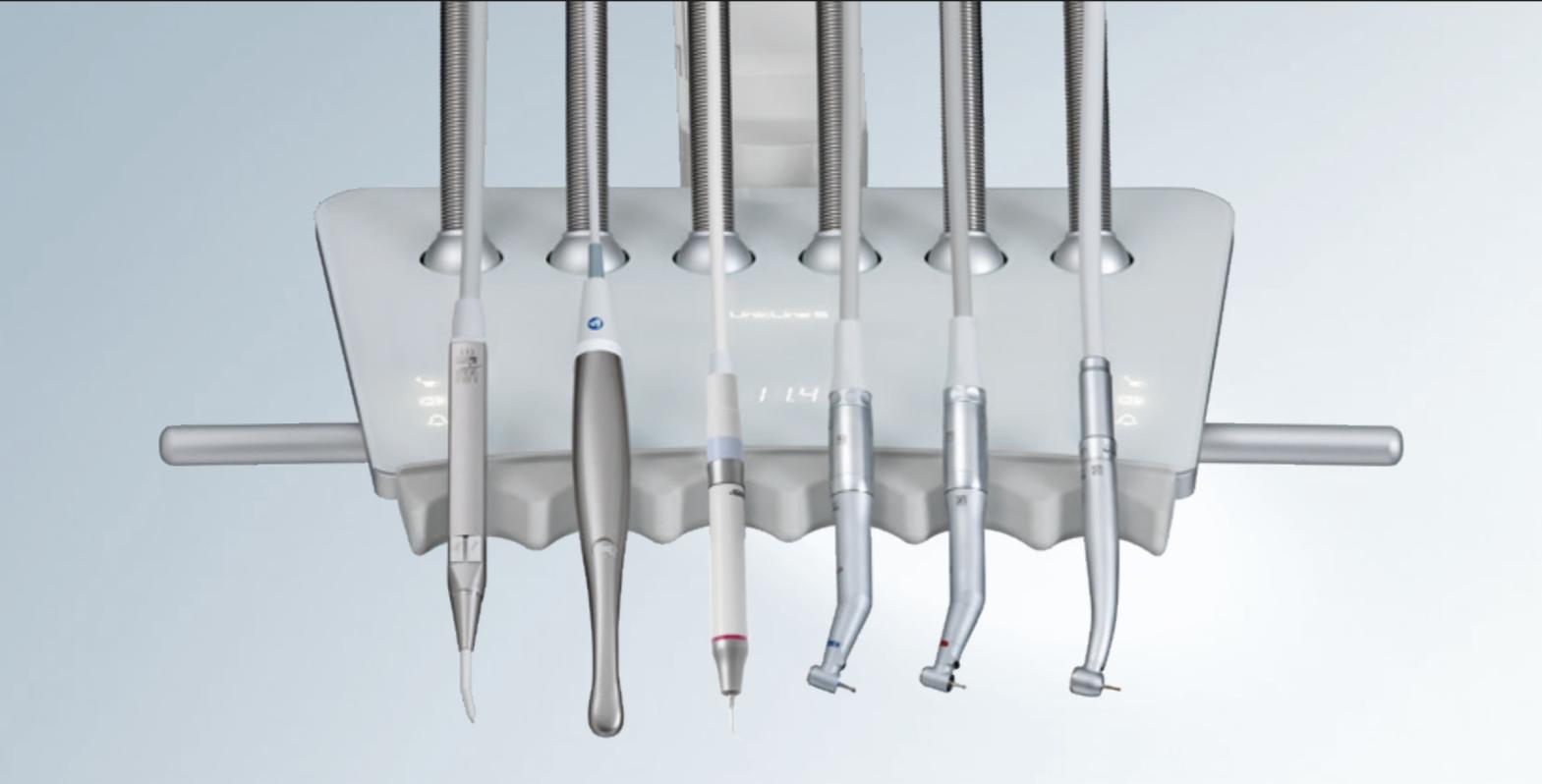
13

Lighting ergonomics work by two LEDs projecting the spray combination on the patient's napkin/torso. The idea is that the dentist uses his peripheral vision to capture the colours on the napkin to validate whether the spray combination is set as desired.

In this manner you avoid having to turn the head and can maintain focus in the mouth of the patient. A dentist using lighting ergonomics on UnicLine S can reduce movements of the neck and strains of the eyes significantly.



14



UnicLine S - Quintessentially Simple

15

The delivery tray is naturally the dentist's primary work instrument.

The sleek and narrow design of the delivery tray is a prerequisite for achieving optimum ergonomic working positions around the patient without unnecessary lifting of the elbow and shoulders.

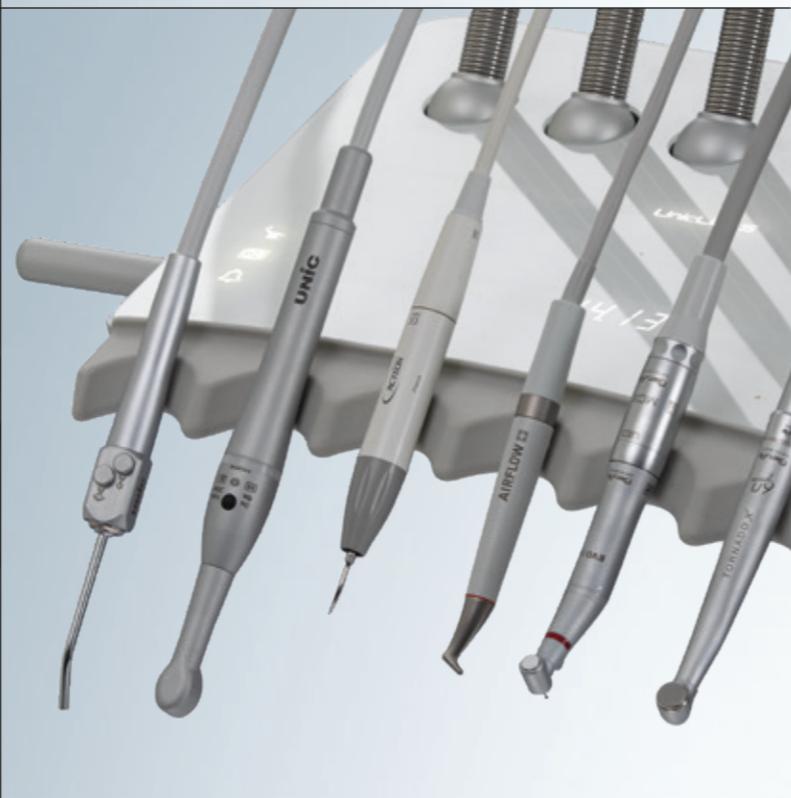
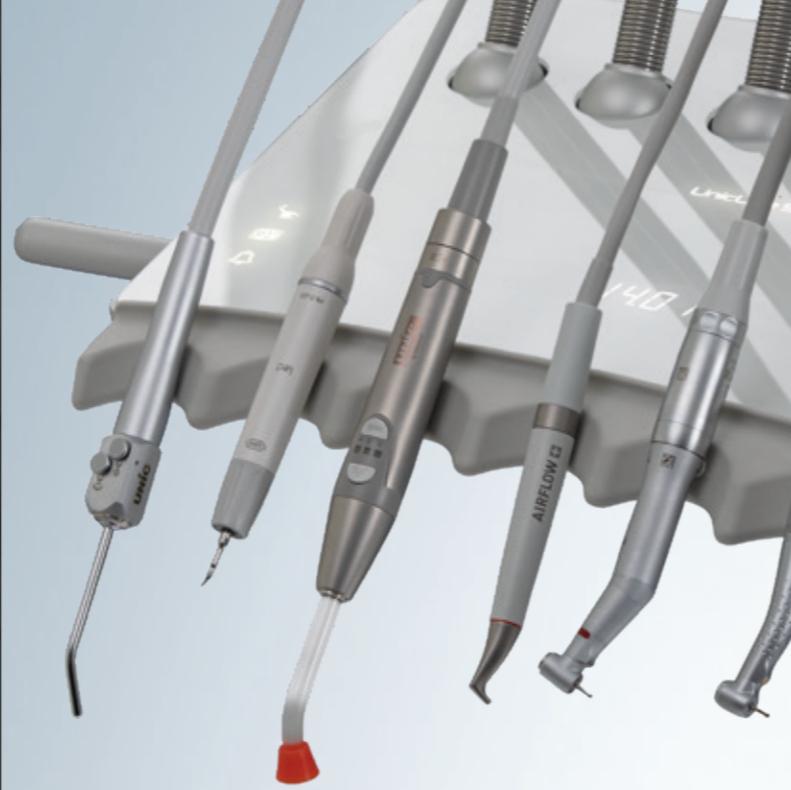
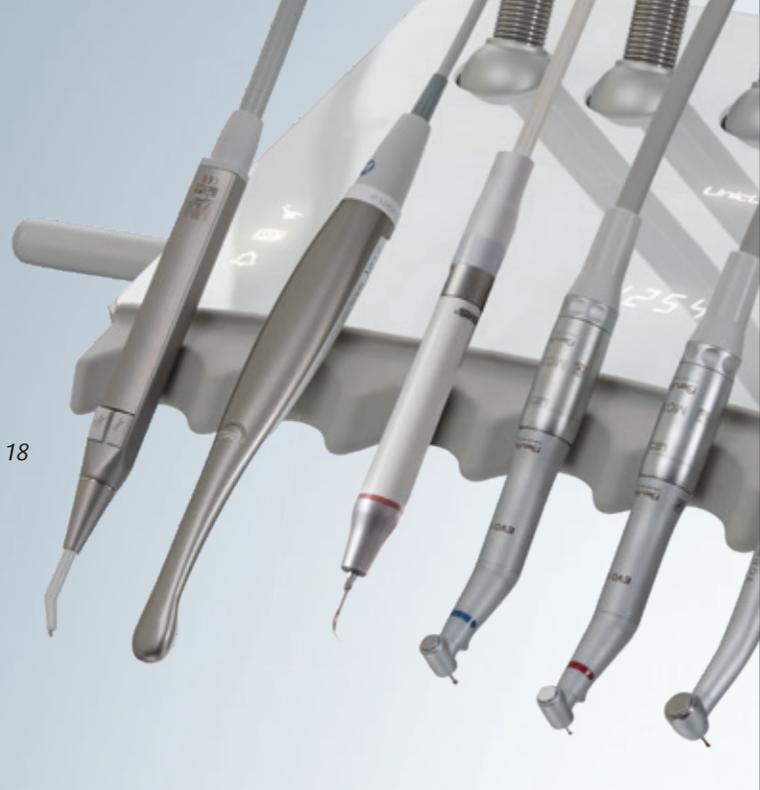
The delivery tray for UnicLine S is available in two versions - one for five instruments and one for six instruments.



The balanced instruments are a central element in the support of working ergonomically correct. Each instrument is individually balanced with a spring, which neutralizes the weight of the instrument at the patient's mouth - without reverse pulling.

This way UnicLine S assists in carrying the weight of the instrument without obstructing your liberty of movement. The result is that you work with excellent precision and minimal strain on wrist and forearm.

UnicLine S and some of its parts are design-protected; some UnicLine S parts are patent-protected.

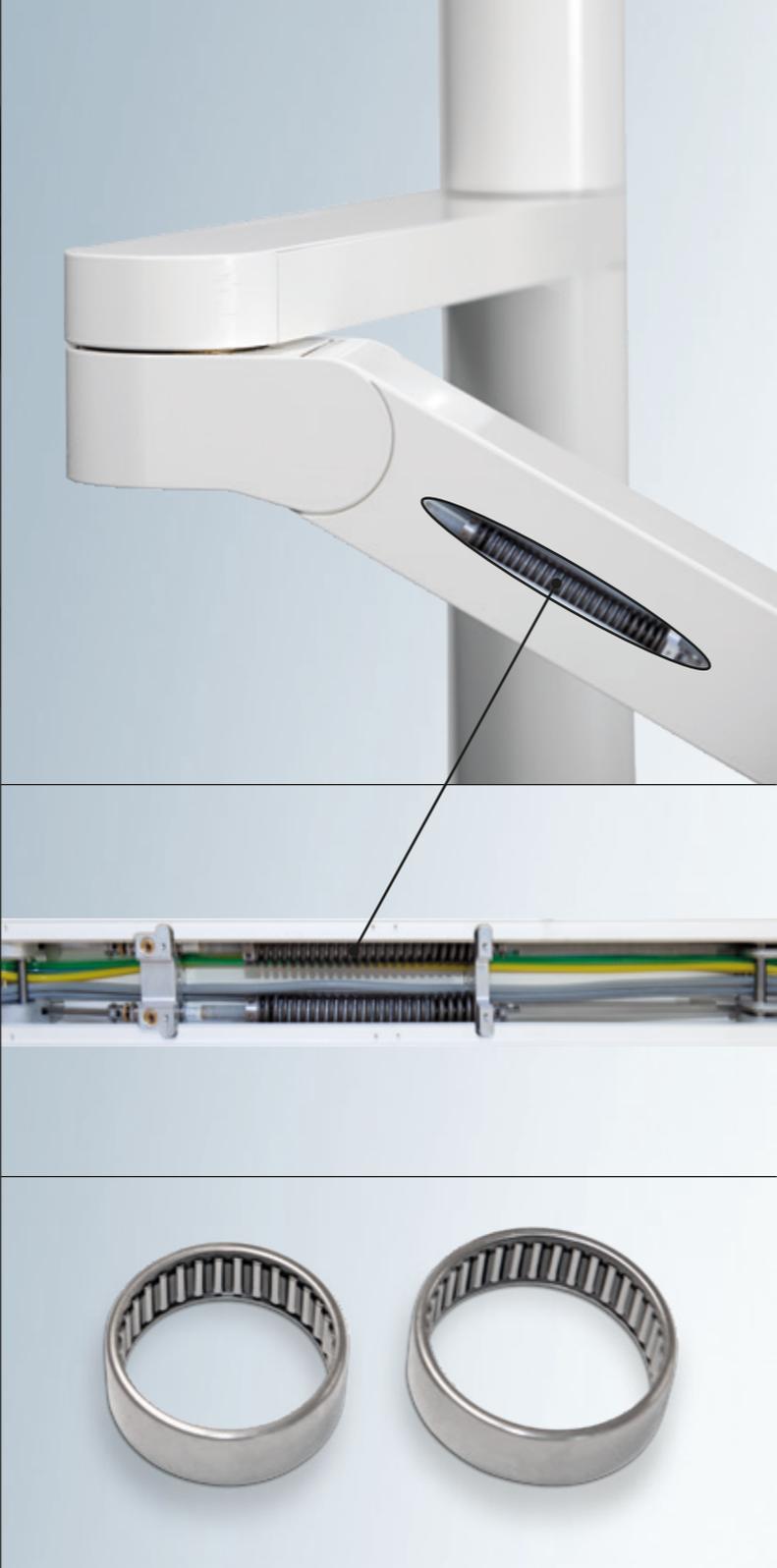


Instruments

We have been working with well-renowned manufacturers for a number of years, which includes Bien Air, EMS, W&H, Acteon (Satelec), Mectron, Luzzani and others.

UnicLine S can be equipped with a large variety of instruments. We always ensure that our new options and innovative instruments are backwards compatible with all the treatment centers we have produced during the past 35 years.

This is your guarantee that you always will be able to upgrade or extend your UnicLine S – because we will continue to ensure that our products will create value for you for many years to come.



The unit arm of UnicLine S has several strong ergonomic ²¹ advantages:

Flexible position:
The armrest has full movement capability all around, i.e. you decide yourself how to place the delivery tray and which way the table should move.

Easy and seamless movement:
All moving joints in the instrument arm have double needle bearings. This ensures that it is very smooth and effortless to move the delivery tray. In addition, the needle bearings in UnicLine S are oversized and joints move with precision in every direction, despite the various strains they come under from the delivery tray, monitor, x-ray unit.



22



UnicLine S is available with multiple cuspidor options: ²³

- Integrated cuspidor with easy-removable glass spittoon bowl for cleaning.
- Revolving cuspidor making it comfortable for the patient to rinse the mouth during treatment. This version is also with easy-removable spittoon bowl for cleaning.
- Without cuspidor the console is equipped with an aluminum tray.

UnicLine S is available with illuminated spittoon that can be adapted to the clinic's colour selection / upholstery colour and can guide the patient when rinsing the mouth.

As option UnicLine S can be supplied with automatic water flushing of instruments, which ensures that the water system, hoses and instruments are flushed, cleaned and ready for the patient.



UnicLine S includes the advancement of ergonomics for the assistant. 25

This is why we have ensured that UnicLine S can adapt to its varied and complex tasks - easily and smoothly.

The assistant's arm is designed with a telescopic arm that can be adjusted from two to fourhanded treatment or from right to left-handed dentist in seconds. This flexibility also means that the suction can always be placed optimally for the assistant to avoid twisting the upper body when reaching for the suction.

It is possible to mount the telescopic arm either on the console or on the patient chair.

UnicLine S is available with e.g. camera, syringe and/or curing light on the telescopic arm. Besides suction, there are two instrument positions available. This provides optimum possibilities for involving the assistant in the treatment.



Suction system

UnicLine S is supplied with double selective suction. One additional suction hose is available as option. UnicLine S is delivered with either adjustable suction valves or with hygienic aluminium suction valves. The suction holders are available in an open or closed version.

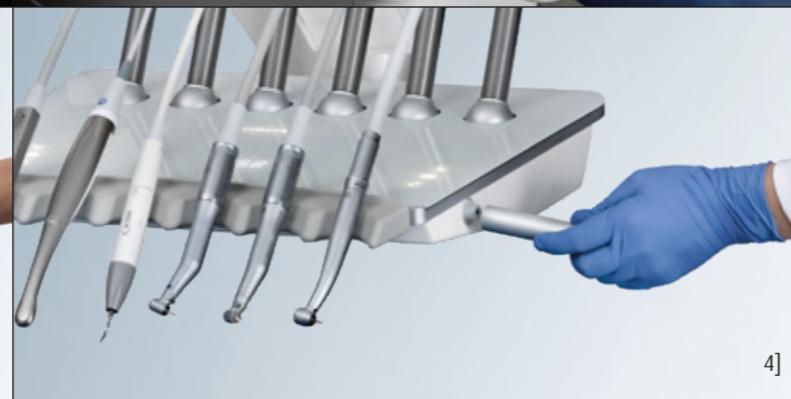
UnicLine S is also available with automatic suction system cleaning. The system is activated with a single press of a button, and shortly thereafter, you are ready for a new patient. During treatment the suction hose system can be flushed with clean water.



The water system in UnicLine S can be adapted to individual requirements.

In addition to public water supply, UnicLine S can be equipped with a bottled water system. The bottled water system is available as an external 2 litre bottle or an internal 1 litre bottle, placed in the assistant room of the dental treatment center.

In case water decontamination is required, different systems for active water decontamination are available.



On Unicline S we have hidden all technical aspects, to allow the assistant access to separation, spittoon valves and fluids for the suction hose cleaning system without being nervous about coming into contact with the electronics or power supply to the dental unit.

- 1] To ensure a simple and streamlined design, all filters, cleaning fluids, and water bottle are stowed away behind the assistant's door.
- 2] The glass surface on the delivery tray and console top is easy to wipe and is an extremely hygienic surface.
- 3] The spittoon bowl can easily be taken off for cleaning.
- 4] The instrument support and aluminium handles can be easily removed for cleaning.



32



Comfort Shape



Comfort Memory

A relaxed patient creates ideal working conditions for the dentist.

33

For this reason, we have created a treatment chair that is comfortable for both the patient and dentist.

The dentist has the ideal working conditions, regardless of whether he works standing or sitting. The thin and narrow back provides the optimum opportunity to get close to the patient during treatment.

The feel of the patient's chair, and the choice of materials and colours complement UnicLine S's clear, clean lines and simple design.

At the same time, we have remained focused on the functionality of the chair and in particular, it is easy to adjust the chair by means of a foot operated joystick or the electronic control panel on the delivery tray.



- 1] Patient's chair in horizontal position. Individual placement of up to three joysticks enables the dentist and the assistant to maintain ideal working postures.
- 2] Safety stop is built into the bottom plate.
- 3] The double articulating neck rest improves patient positioning and is suitable for both adults and children. The neck rest can also be supplied with a hole.
- 4] Easy to clean. The UnicLine S upholstery is easy to remove for cleaning.
- 5] The UnicLine S patient chair can be delivered with one or two armrests.
- 6] Hanger for the foot control keeps the floor area free during cleaning.
- 7] Retractable footrest ensures comfort for all sizes of patients.

UnicLine S

by heka dental

Ergonomic, telescopic
suction arm

Multi-colour LED light adaptable
to upholstery/practice colours

Hygienic surfaces in
tempered glass

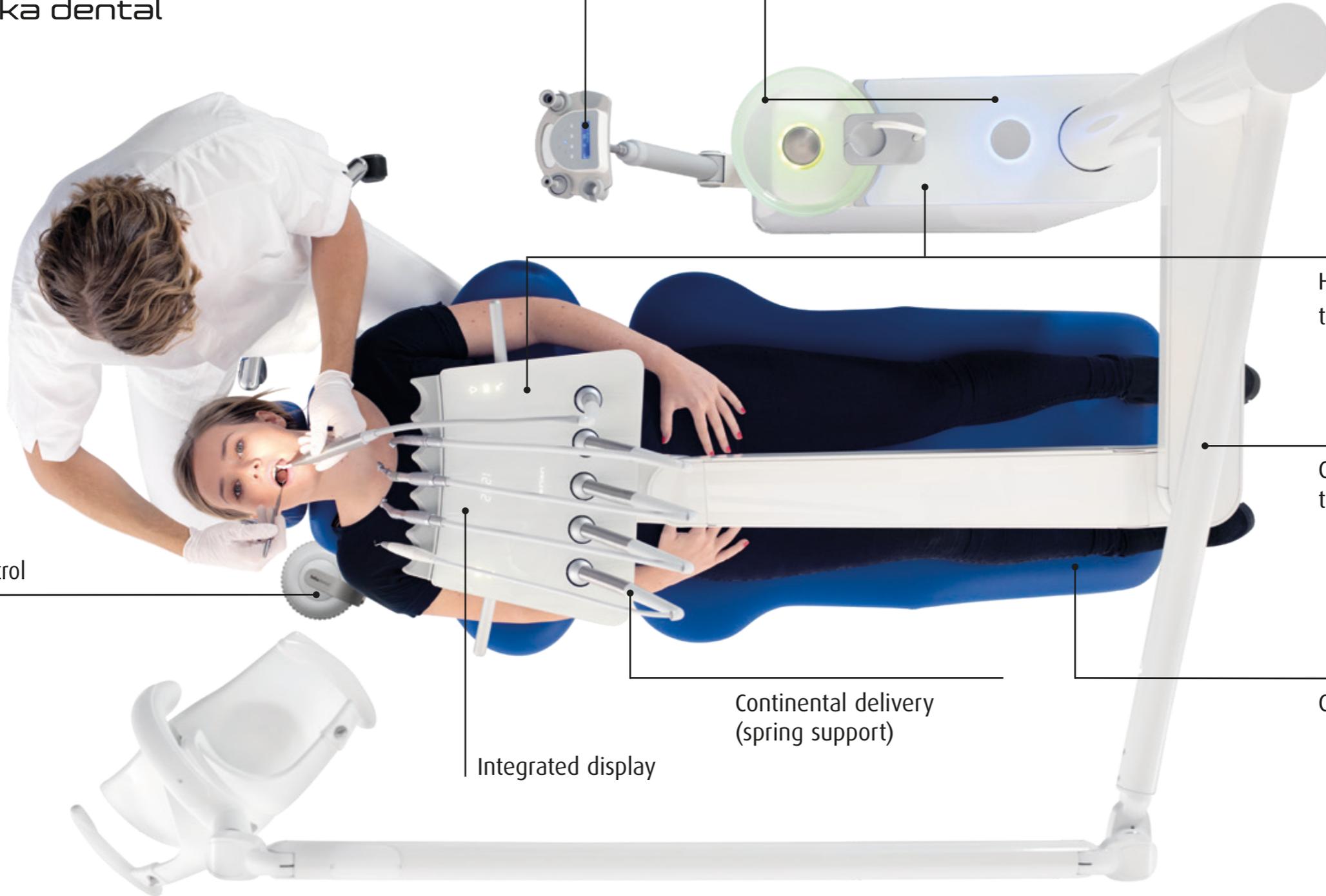
Console/arm set/delivery
tray in aluminium

Ergonomic, round foot control

Integrated display

Continental delivery
(spring support)

Comfortable patient's chair





Multimedia

UnicLine S is available with different models of intraoral cameras, which can be connected to the clinic's desktop, and the image can be shown on a 22" unit mounted monitor.

As an alternative, it is also possible to mount an iPad/tablet holder on the delivery tray.



The economy of a UnicLine S is worth to consider. Several factors have an impact on the overall economy, in addition to the purchase price itself.

- Quality and reliability is top level and breakdowns and the resulting expensive operating losses are a rarity.
- Construction with easy access to all critical components for fast service.
- Steel springs and ball / needle bearings in all moving joints of the instrument arm ensure long lasting life without cost of service or spare parts.
- Easy to install
- An extensive network of specialized technicians ensures quick assistance in case of problems and we provide fast delivery of spare parts.
- If you need additional security, you can purchase up to 5 years warranty on certain parts.



The unique patented round foot control can be activated from all directions with either right or left foot releasing you from any fixed working posture. The foot control regulates the speed and the intensity of the chosen instrument.

UnicLine S gives you a choice of three different foot controls - the round, the round variable and the Universal foot control.

The round foot control can be used from all angles so dentists can always work in an ergonomically correct working position.

All foot controls are available in wireless versions.



Operation lamp

UnicLine S comes with a specially designed LED operation lamp from Faro that provides an optimal treatment light with the lamp head placed on a self-balancing spring arm, which ensures a stable position. The operation lamp uses the latest technology to ensure a perfect treatment light of up to 50,000 Lux that comes as close to sunlight as possible. The lamp head is fitted with two mirrors that ensure a shade-free work area. The fixed arm of the operating lamp has a length that ensures that you can easily illuminate from behind the patient's head and illuminate the patient's lower mouth.

It is also possible to install a THEIATECH LED lamp in the lamp arm of the Alya lamp. This provides a transition light in the room above the patient so that the eyes relax more when the focus is moved out of the patient's mouth. The basic model Maia delivers up to 35,000 Lux and is available exclusively with Faro's standard lamp arm.



Sterile water system

Sterile water system can be installed on the delivery tray. This allows for the supply of sterile water for e.g. surgical procedures or endodontics.

Console-mounted X-ray

X-ray can be installed directly on the UnicLine S console with an additional x-ray support, positioned in front of the OP-lamp and instrument support. The universal X-ray support fits most X-rays and it is therefore possible to transfer X-rays from older dental treatment centers when you upgrade to UnicLine S.



Trays and tray holders

UnicLine S provides the possibility to mount two tray holders on the delivery tray. The tray holders are available in several heights and lengths.

Both single- and double trays are available and silicone protection sheets for the trays are also available.

It is possible to mount e.g. a single tray on the left of the delivery tray and a double tray on the right, to achieve optimum tray space for both dentist and assistant.



UnicLine S can be manufactured with different console mounted options:

Quick-couplings can be installed on the front of the console for connection of separate tabletop devices or other external devices.

A 230 V SCHUKO socket can be mounted on the back of the console.

You can also choose to install a USB connector on the front of the console. The USB connector can be used for charging or you can connect an external intraoral camera.

UnicLine S Advantages

Benefits of working with Heka Dental

- Ergonomic products
- Modern Nordic design
- Aluminium and glass
- High quality
- Market leader in Scandinavia and Benelux, export to 45 countries
- Made in Denmark

Benefits of design of UnicLine S

- Unique design expression with the use of glass surfaces
- Clean Nordic lines that make UnicLine S seem timeless
- The first dental unit on the market that can be adapted to its environment, using LED multi-coloured light - even if the clinic is later changed
- Easy installation, especially if the dentist already has a UnicLine 5D
- Integrated displays, allow faster cleaning - especially when switching patients
- The integrated displays also provide a calm design expression

Benefits of UnicLine S raw materials

- Aluminium - does not yellow over time
- Aluminium - easy to clean
- Aluminium - gives a feeling and perception of quality and luxury
- Glass - easy to clean
- Glass - integration of displays
- Glass - makes the use of LED light possible
- Glass - makes UnicLine S feel like something you already know

Benefits of UnicLine S ergonomics for the dentist

- Instrument whip arms with individually adjusted springs
- Delivery arm with needle bearings in all moving joints - provides smooth movement for many years
- Flat delivery tray table for optimized ergonomics
- Round foot control for ergonomic seating position
- The backrest on the patient seat is slim at the top so there is plenty of room for ergonomically optimal working position.

Benefits of lighting ergonomics on UnicLine S

- Unique patented solution
- Lighting ergonomics on UnicLine S can reduce the strain of the neck and eyes considerably

Benefits of ergonomics for the dental assistant

- Suction arm, which is super ergonomic, because it's continuously variable, thin and compact. Ensures that it is always possible to sit correctly
- Easy operation of cleaning functions
- Easy access to the display on the instrument tray - ensures easy access to, e.g. chair's operation
- 'Assistant room' free from electronics

Benefits when working with dental assistant on UnicLine S

- The dentist decides how he/she wants to work
- Better integration of the dental assistant in the treatment situation
- Faster patient switch. The dentist can better maintain contact with the patient during the switch and still save time
- Better greeting of the patient

Benefits of UnicLine S patient ergonomics

- Upholstery with good comfort for long and short treatments
- Pleasant rinse position
- Footrest bending inward
- Possibility of horizontal operating space

Included in treatment center on delivery (depending on chosen options):

- Quality product made from aluminium and glass
- Quality valves from Germany
- Lacquered surfaces in aluminium
- Surface on console and delivery tray in tempered glass with integrated touch buttons
- Instrument arm in cast aluminium
- Oversized double needle bearings in console, middle arm and delivery tray
- Instrument arm with 337° rotation offers both right- and left-handed operation
- Instrument arm with double spring supported height adjustment
- Adjustable setting of joints and height adjustable instrument arm.
- Lighting ergonomics
- Individually balanced instruments
- Optional delivery tray for five or six instruments
- Hygienic, integrated multi-touch panel in the glass surface of the console and delivery tray
- Integrated display in delivery tray
- Hygienic, autoclavable instrument holders
- Removable, autoclavable handles on delivery tray
- Return air filter
- Removable glass spittoon
- Selective suction (large and small)
- Multi-flexible telescopic suction holder

Additional equipment and options:

- Multiflex high speed, fibre optic outlet

- W&H Advanced Air, incl. Primea turbine with LED
- W&H Primea turbine (only with Adv. Air)

Micromotors:

- Bien Air MX2 incl. Optima control 100-40.000 rpm/min. (up to 2 pcs.)
- Bien Air, MCX brushless, 1000-40.000 rpm/min. (up to 3 pcs.)

Syringes:

- UNIC, 3:1
- Luzzani, 3:1 or 6:1
- Luzzani, 7:1 with/light

Scaler:

- Newtron (with/without LED)
- W&H with LED
- EMS "No Pain" (with/without LED)
- NSK Varios (with/without LED)
- EMS Airflow: built-in version

Curing light:

- UNIC (Bluedent Express)
- Starlight Sler (with button or foot control activation)
- Acteon MiniLED

Intraoral Camera:

- Sopro 617 or 717 excl. software
- Dürr VistaCam iX HD

Instrument arm- and delivery tray options:

- Tray support in various lengths
- Optional double tray support
- Single or double tray
- Protection sheet for tray (autoclavable)

Monitor:

- 22" monitor mounted on lamp support with flexible arm
- iPad/tablet holder (on delivery tray)

Water- and water treatment:

- Water decontamination (with/without air gap)
- Internal water bottle - 1 liter
- External water bottle - 2 liter
- Automatic instrument flush
- Sterile water pump
- Automatic suction hose cleaning system

Drain:

- Dürr spittoon valve
- Metasys spittoon valve
- Dürr Combi Separator (amalgam separation)
- Metasys Amalgam separation
- Metasys separator (air/water)

Console:

- Integrated-, revolving- or no cuspidor
- Multi-colour LED in console and spittoon bowl
- Water heater for cup fill
- Water heater for cup fill and instruments
- Quick coupling for suction
- Quick coupling for water/air
- 230V/Schuko power socket
- X-ray support
- USB-socket

Operation lamps and room light:

- Faro Maia LED operation lamp 35.000 Lux, 5000K with standard arm
- Faro Alya LED operation lamp 50.000 Lux, 5000K with sensor, with standard arm
- Faro Alya operation lamp 50.000 Lux, 5000K with Heka Design arm
- FARO Alya LED with Heka Design arm and built-in THEIATECH
- Faro Sidèrea LED room light

X-ray:

- X-Mind x-ray D/C: UNIC version

Instruments on assistant arm:

- UNIC 3:1
- Luzzani 3:1
- Curing light with button activation
- Optional mounting of assistant/suction arm on chair

Foot control:

- Ergonomic round (wired or wireless)
- Round variable (wired or wireless)
- Universal variable (wired or wireless)

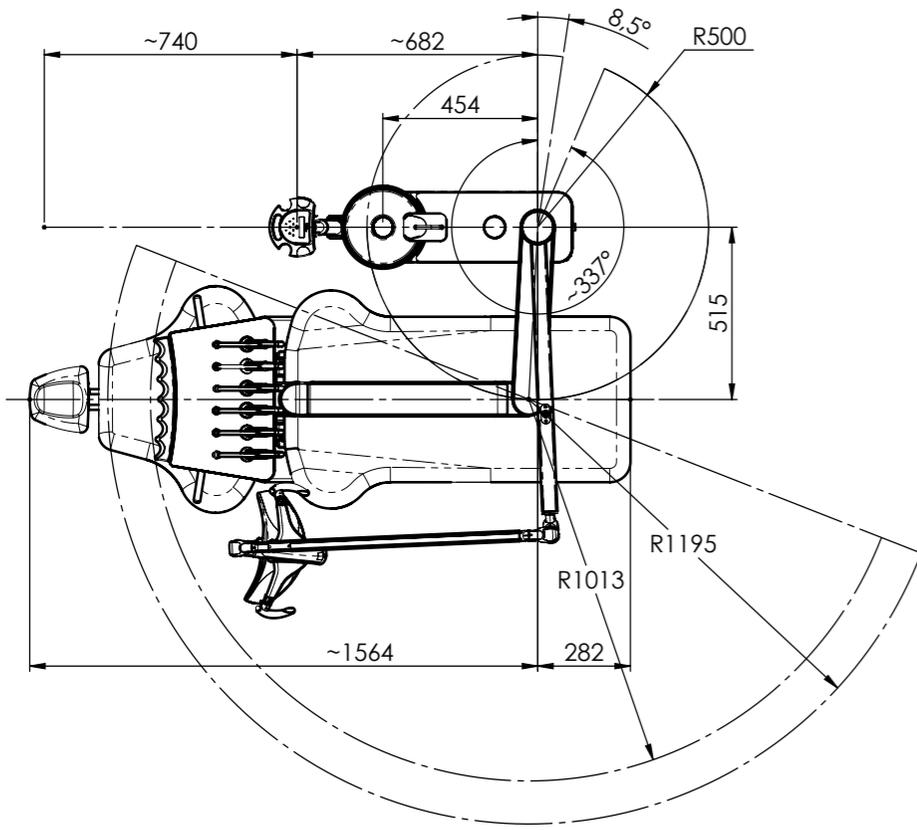
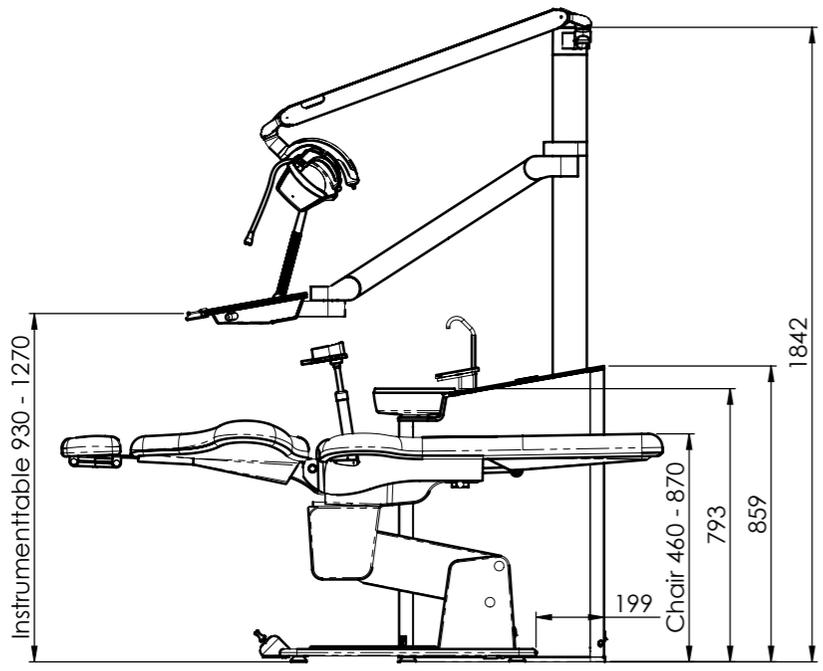
UnicLine patient's chair:

- Two electric motors
- Lifting capacity tested up to 300 kgs (with floor mounting)
- High lifts for standing treatment
- Horizontal position available
- Double-articulated head rest
- One joystick (up to 3 joysticks possible)
- Four 4 programs or 3 programs and "Last Position"
- Headrest with hole
- Armrest - right and/or left, revolving
- Foot rest, foldable
- Hanger for foot control

Upholstery:

- Comfort Shape Upholstery (standard)
- Comfort Memory Upholstery

View available upholstery colours on www.heka-dental.dk



This illustration is based on a UnicLine S with integrated cuspidor.
 UnicLine S and some of its parts are design-protected; some UnicLine S parts are patent-protected.

*With reservation of technical changes and colour changes.
 Images may be displayed with optional equipment.*

www.kommunikator.dk · 28725 · 08/2019

Heka Dental A/S was founded in 1965, and today produces dental units for dentists through-out most of the world. Today, we are the leading supplier of dental units for Scandinavia and the Benelux.

The company is family owned and all production, development and administration takes place in Denmark. All workflows are of course ISO certified, to ensure a high quality level of all functions.

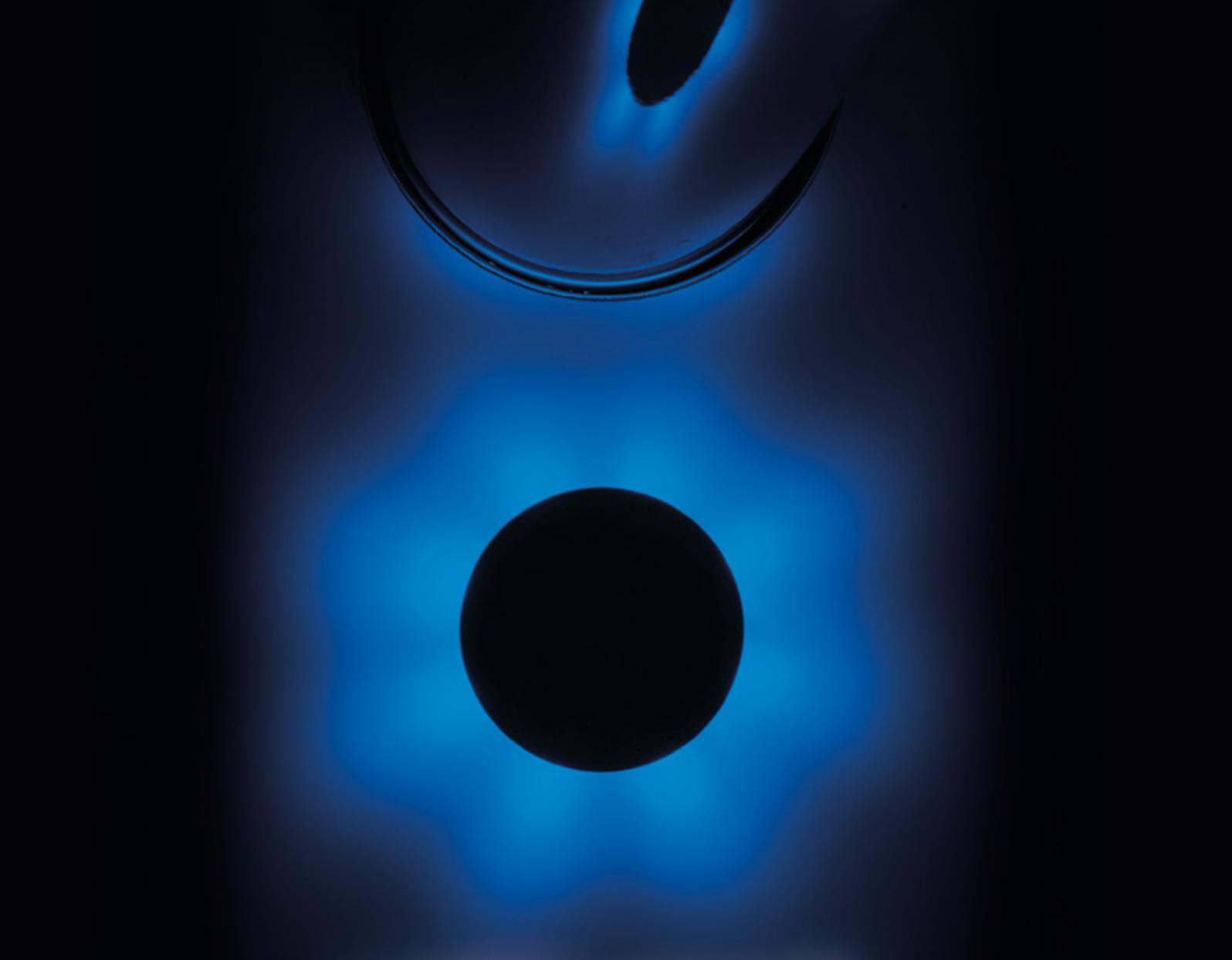
Heka Dental adjusts functionality and possibilities to the individual requirements of our customers. To ensure the best possible guidance and information to the individual dentist, delivery, installation and service is carried out by a comprehensive and well-trained network of dealers.

hekadental®

Heka Dental A/S
 Baldershøj 38
 DK-2635 Ishøj, Denmark
 Telefon +45 4332 0990
 mail@heka-dental.dk
 www.heka-dental.com







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