



Melorin

Melorin has been synonymous with Iranian excellence in dental field since 1992. We have been an ISO 9001 and EN ISO 13485 certified company since 2000, and have worked side by side with dental professionals for more than twenty years. They consider us to be a reliable partner, and appreciate the effective and consistent performance of our dental unit and dentistry chairs, the perfect expression of our know-how and continuous technological innovation.

We are a solid network of qualified commercial partners who have been trained to offer not only honest commercial services, but also efficient and professional technical support, which allows us to provide our clients with high-end services. These values have led to the creation of Melorin brand's renewed and rationalized range of trademarked products that stand out for their effectiveness, reliability and revamped design.



3000TGL

- Chair with Aluminum structure and double safety system during movement
- Full control access via main and assistant's table keyboard and volumes as well as foot-pedal
- Up to 5 American/European made tubes from up for doctor table (Electro Pneumatic system)
- Adjustable armrest
- 3-way syringes
- Water suction (Saliva ejector)
- High & Low Central suction tubing and connection
- Italian solenoid valves
- High-grade articulated headrest, enable to adjust
- Multi-function foot-pedal
- Glass spittoon (Autoclavable)
- Melorin's design dental light up to 20000 Lux intensity (Built-in dimmer)
- Sana spray water bottle
- Two optional 220 VAC or 24 VDC actuators
- Built-in Curing light & Scaler
- Micro-controller base electronic boards to control the whole system
- Amalgam Filter
- Auto Spittoon flush and adjustable Cup filler
- Built-in X-ray viewer
- Stainless steel tray with 2 cups holder





3000TBL

- Chair with Aluminum structure and double safety system during movement
- Full control access via main and assistant's table keyboard and volumes as well as foot-pedal
- Up to 5 American/European made tubes from down for doctor table (Electro Pneumatic system)
- Adjustable armrest
- 3-way syringes
- Water suction (Saliva ejector)
- High & Low Central suction tubing and connection
- Italian solenoid valves
- High-grade articulated headrest, enable to adjust
- Multi-function foot-pedal
- Glass spittoon (Autoclavable)
- Melorin's design dental light up to 20000 Lux intensity (Built-in dimmer)
- Sana spray water bottle
- Two optional 220 VAC or 24 VDC actuators
- Built-in Curing light & Scaler
- Micro-controller base electronic boards to control the whole system
- Amalgam Filter
- Auto Spittoon flash and adjustable Cup filler
- Built-in X-ray viewer
- Stainless steel tray



3000TGL-I(New)

- Possibility to memorize 3 working positions for 3 different doctors (totally 9 programs)
- Activation of the programs of rinse, return to the zero position, cleaning and emergency (extra 4 pre set programs)
- Midwest 4 hole module for High speed (3 sets)
- 3-way syringes (1 set)
- Assistant's instruments table:**
- 3 instruments housings: 2 for the suction cannulas (removable and autoclave able hose couplings), 1 for led curing light (optional), 3-way syringes (1 set)
- On/ off operating Lamp
- Time water cup filler – timed water bowl flush
- Activation of chair movements – activation of rinse and return-to-zero position programs
- Provision for 2 high and low vacuum suction system (2 cannulas and filters)
- Sana spray (Disinfection system):**
- Distilled water can be used by bypassing the main water. To carry out rapid circuit sanitization
- M.C.V.S. Manual system that carries out suction system sanitization cycles between one patient and another.
- Cuspidor unit:**
- Glass bowl with manual motion. (autoclave able)
- Dental lamp:**
- melorin head lamp fitted to the unit as standard (8000- 25000 lux)
- Maia Led light (Faro- made in Italy) fitted to the unit (3000- 35000 lux) as option



Dental chair:

- Chair with metal & aluminum structure and double safety system during movement.
- Full control access via doctor, assistant's table keyboard as well as foot-pedal
- Kit upholstery: washable and removable.
- Multi-function foot-pedal with chip air water control
- Two pcs electro mechanical 24V DC chair actuators (5 years guaranty)
- Chair seat protection transparent PVC.
- All chair covers made by injection machine
- Automatic Trendelenburg and synchronized motion of back rest and leg rest.
- Patient chair: special shaping between backrest and seat the patient chair lets medical staff move comfortably closer to the patient during treatment.

Doctor table:

- Studied to house up to 5 instrument tube- All tubes are made in usa- disinfectable.
- Hand piece support: the instrument holder panel is removable and autoclave able.
- Italian 24 V DC solenoid valves
- Built-in X-ray viewer
- Include Amalgam Filter
- Stainless steel tray with 2 cups holder
- Pneumatic brake for dentist's table pantograph arm.
- Locking system of the recall lever of the instruments (syringe excluded)





3000 TGLT

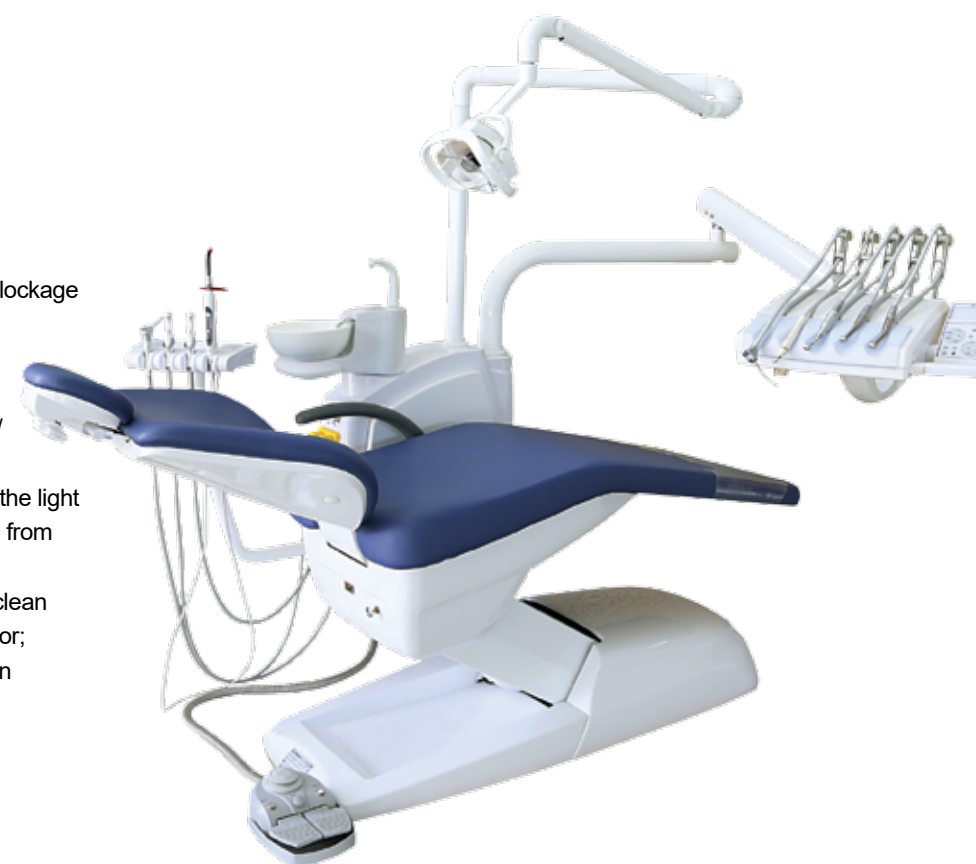
To achieve the best results,
the first requirement is reliable equipment

- Italian dental chair, Aluminum die casting with built-in foot pedal
- Two actuators made by Hanning/Germany (10 years Guarantee)
- Dental LED Light made by FARO/Italy
- Removable upholstery for better cleaning and disinfection
- Synchronized movement between seat and backrest to reach Trendelenburg position
- Up to 5 American/European made tube from up for tablet (Electro-Pneumatic system)
- Motorized height adjustable cuspidor
- Built-in X-Ray view
- Amalgam Filter
- Auto Spittoon flash and adjustable Cup filler
- Built-in X-ray viewer
- Glass spittoon (Autoclavable)
- Stainless steel tray with 2 cups holder
- High & Low Central suction tubing and connection
- Italian solenoid valves
- High-grade articulated headrest, enable to adjust

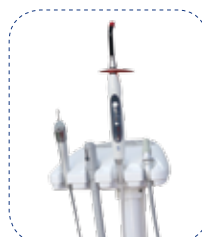


3000 TGL- I

- Emergency chair position
- Backrest Safety emergency stop & blockage protection
- Dental unit interlock system, avoid a misuse of operation
- Silicon type resistance PU American/ European pipes
- Multi-function foot pedal plus control the light
- Only 9 seconds for backrest to move from lowest point to highest point
- Rotatable ceramic spittoon, easy to clean
- Strong and weak suction saliva ejector; removable for cleaning and disinfection



6



Pluto

- High-resistant polyurethane base equipped with 5 rubber casters
- Anatomical saddle seat, with seamless and high quality upholstery and fabric, Seat height and tilting adjustable
- Memory Foam seat for highest and long lasting comfort
- Independently height and tilting control of the backrest
- Optional chromed aluminium footrest ring
- Optional adjustable tilting rigidity lever, according to the personal body weight
- Possibility to customize stools in different polyurethane colors.



EGG Iron

- Chromed aluminium design base equipped with 5 rubber casters
- Ergonomic and seamless round seat upholstery
- Optional chromed aluminium footrest ring
- The revolving and folding "U"-shaped backrest easily turns into a comfortable armrest
- Height adjustable with gas pump, two different extensions available: standard (minimum) 510 mm and extra (maximum) 650
- Possibility to customize the stool in different polyurethane colors



7



S SERIE : S 200

Built on the concept of permanent reliability, the evolution of Stern Weber integrated treatment centers has resulted in ever-better advantages in terms of performance, ergonomics and practicality. This capacity to adapt and evolve is the key strength of the S200.

Whatever your needs, the first thing you require is a dental unit designed for intensive use. The scope for personalization goes well beyond the usual standards and provides all the very latest innovations developed by Stern Weber.



S SERIE : S 300

Not everyone sees technology as an end in itself. On the contrary, the true value of innovation lies in solutions that lead to tangible development, to new professional horizons. The S300 offers a flexibility that provides just the progress you're looking for. We combine comfort and ergonomics to ensure swift workflows, we merge design and innovation to provide a dental unit built around your needs. Together with you for even better results. Our technology is designed for your progress.

TR SERIE : S 220

With the S220TR we've introduced a series of extremely versatile models. Whatever your operating style, we provide a practical ergonomic solution that suits it perfectly. For those seeking cutting-edge performance, we offer technologically advanced devices and instruments. For those who demand uncompromising safety, we offer a broad range of validated hygiene systems. And for those looking to optimize workflows, we offer smoothly integrated multimedia and X-ray diagnosis systems. S220TR: for those who want an integrated treatment center that can be molded around their needs.



TR SERIE : S 320

Our philosophy is founded on the perfection of a technology modelled around your work. A world of functions that can be personalized to suit your specific operating style and skills. We believe in maximized simplicity and integration to ensure a perfect match of efficiency and speed. You imagine it, we create it: the S320TR is ever-evolving – just like you.



- 121
Anthracite grey
- 130
Graphite black
- 135
Venetian red
- 115
Scottish salmon
- 101
Caribbean green
- 125
Polynesian green
- 152
Blueberry violet



TRC SERIE : S 280

Each patient is different and, above all, so is each dentist: no-one knows this better than Stern Weber. That's why dentists who choose us are free to configure all the elements around the dental unit according to their personal preferences and so create a highly customized integrated treatment center. Once the ergonomic configuration best suited to the dentist's operating style has been defined, it's then possible to decide how best to equip the dental unit in terms of hygiene devices, instruments, integrated multimedia and X-ray systems, foot controls, operating lights, suction system amalgam separators and all the other Stern Weber accessories. We build dental units to provide a made-to-measure solution for you.



TRC SERIE : S 380

The strength of an innovative space lies with the solidity of rigor and the precision of flexibility. The desire to constantly improve and pursue technological progress creates a vital working space that is in perfect harmony with your operating style, because it is modelled on your work. We are not looking for mere sterile development, but for the perfect way of working, of moving, of thinking. Your ability acts as our guide, and our technology is your instrument. The new S380TRC is the perfect balance of rigor and technological innovation.

TRC SERIE : S 300



Everything needed for onboard X-ray diagnostics, without external systems or films that need developing

Integrating a complete system boosts diagnostic potential while shortening treatment times. Featuring advanced technology, the system includes the X-ray unit with digital wireless handheld controller, a LED monitor with optional touch-screen function and a latest-generation digital sensor. The X-ray image can be shown in mere seconds on both the 22" monitor and the 7" display on the Full Touch control panel.



RXDC - HyperSphere technology
Incorporated on the dental unit, the X-ray unit and handheld control unit require no additional installation points. Thanks to a combination of 30 cm collimation and a 0.4 mm focal spot, parallelism is excellent and images are pin sharp. Locked and unlocked by touch-sensitive pads, the tube head rotates freely around the spherical joint.

Zen-X X-ray sensor
Extractable sensor with USB lead located on the dentist's module, can capture high-resolution images with minimal radiation dosage. Able to be sanitised, the sensor comes in two different sizes and is IP67 certified against water and dust infiltration.



ALWAYS CONNECTED

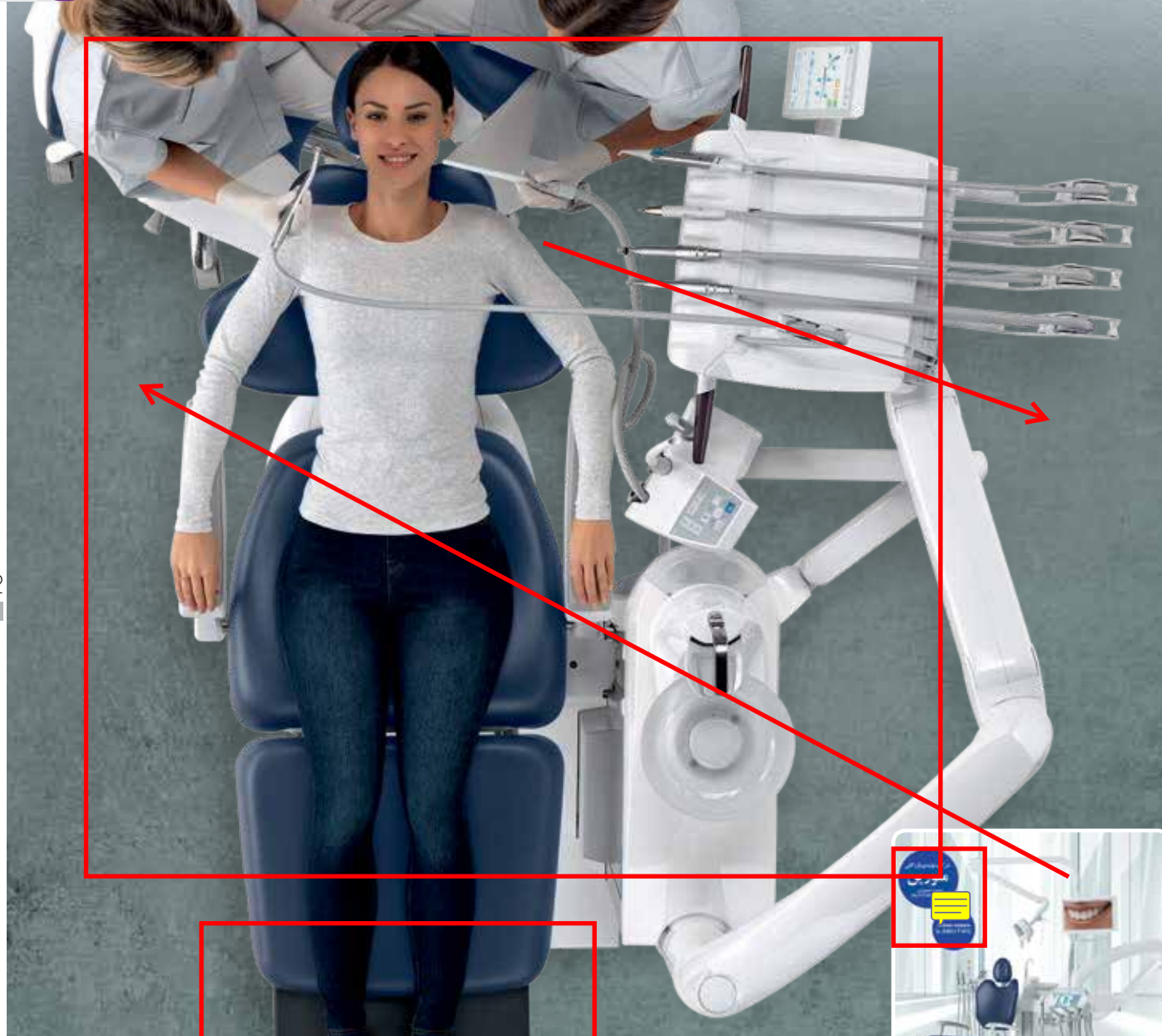
To keep up with the latest technologies, Stern Weber has provided web connectivity for its product range. This recent innovation gives access to optional digital services - which will improve efficiency at dental surgeries. When connected to the web through Easy Check, a dental unit can rely on real time remote troubleshooting and technical support service. In addition, Di.V.A.*, the digital virtual assistant, optimises the workflow of technologically advanced dental surgeries and, via a dashboard, helps dentists monitor their use of the available instruments, analysing surgery efficiency. In larger facilities, it is an excellent



- 137
Bright silver
- 136
Indian blue
- 106
Mediterranean
- 102
Atlantic blue
- 113
Pacific blue
- 103
Nevada yellow
- 154
Japanese wisteria



TRC SERIE : S 380



12

A patient chair in a class of its own
Synchronized backrest and leg rest movements, and powered retractable footrest: each exclusive function incorporates the needs of operational ergonomics with the utmost comfort, offering the patient a new experience.

Seated position

Ideal for all orthodontic treatment, the seated position, adjustable to any height, allows natural occlusion between the two arches and, with the chair free from all obstruction, allows the dentist to perform extractions with greater ease

Patient involvement

When the powered rotation brings the chair to the access position, the surrounding area is completely free from obstacles. Everything is focussed on respect for the patient and the desire to seat him or her as comfortably as possible. In this position, communication between the dental professional and the patient is less formal and more relaxed.

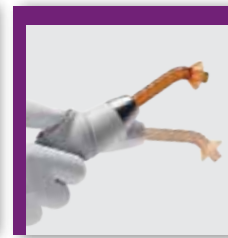
Ideal accessibility

Thanks to the powered chair rotation and positioning at an ideal height for all body sizes, access to the chair is comfortable for every patient



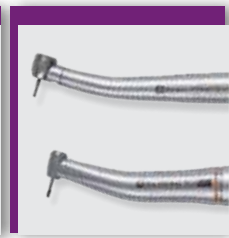
SC Scalers

Ultrasound scalers, compatible with the best commercially available tips, for supragingival prophylaxis and periodontal tasks. Also suitable for the preparation of small cavities and usable in endodontic root canal cleaning techniques. Available with or without LED lighting.



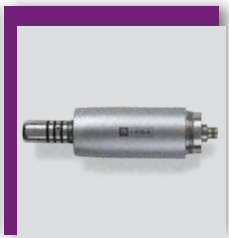
T-LED

Patented instrument with 180° ergonomic rotation. Features 6 polymerisation and bonding programmes with immediate or gradual start. Does not cause composite shrinkage.



Turbines and contra angles

Six silent yet powerful models of highly advanced turbine, plus a broad range of ergonomic contra angles that meet all clinical needs, from conservative dentistry to implant surgery and endodontics.



i-XS4 micromotor

Available as an optional, the latest-generation i-XS4 micromotor is light and versatile. Highly suitable for conservative and prosthetic dentistry, it's also a valuable aid during endodontic work and is fully autoclavable. Speed range from 100 to 40,000 rpm.



EVO E4 contra angle

Featuring a 4:1 ratio specific for endodontics, the EVO E4 contra angle can be autoclaved and heat-disinfected. The miniaturised head makes access to the treatment zone easier. Recommended for traditional endodontic treatment and with use of the integrated apex locator.



Apex locator

With the dedicated contra angle, the apex locator allows the apex distance to be displayed during the root canal instrumentation phase. The nearing of the apex is also indicated by warning buzzers. To enhance safety, micromotor rotation is automatically disabled when it is reached.



Sixth instrument

The international dentist's module can be completed with an optional sixth instrument: camera or T-LED light.



Tray holder

Large transthoracic tray holder mounted on the International module.



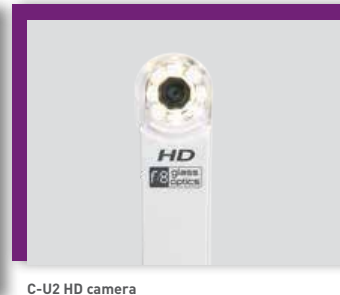
X-ray viewer

The optional backlit X-ray viewer can be used to display all X-ray images, including panoramic ones.



SANASPRAY

Tank with distilled water as an alternative to mains water.



C-U2 HD camera

The video camera aids dentist-patient communication and, thanks to slender handpiece design, can reach distal zones with ease. Excellent depth of field avoids any need for manual focusing. Speeds up diagnostics and generates material with which to document treatment and complete clinical reports.



Macro Cap

An extremely useful accessory, Macro Cap can magnify up to 100x in ultra-high resolution. Three additional, high purity glass lenses optimise lighting of details located close to the optical unit.



A.C.V.S.

Automatic system that carries out suction system sanitisation cycles between one patient and another. Practical and fast.



I.W.F.C.

Activated via the control panel, the device ensures that the device ensures tubing is kept clean after the machine has remained idle for a time. Included in the BIOSTER or available separately.



W.H.E.

Continuous Peroxy Ag+ [H₂O₂] based disinfection system (compliant with EU standards and DVGW certified) and air gap separation device between mains water and dental unit circuits. Acts against all water-borne contaminants, including Legionella.



Multi-touch display

The large 7" touch screen ensures excellent visibility from any angle while HD performance optimises image and video display.



USB connection

Dentists can use the USB port to upload/download diagnostic images when the integrated multimedia system is present.



new comfort
in digital imaging



Zen X, direct USB HD intraoral X-ray sensor

High definition, immediacy, reliability and ergonomics

Zen-X offers all the advantages of real-time digital technology to obtain and share high quality images with ease.

- Easy, fast, portable, real-time
- Maximum active area with optimal ergonomics
- Resistant to impact, dust and liquids
- Plug-and-play with iCapture software
- All-in-one iRYS software - Free Viewer and iPad app



ERGONOMIC DESIGN
rounded corners
and flexible lead.
Maximum active area.

HD SENSOR
Multi-layer sensor
(CsI+FOP+CMOS),
high definition technology.



RELIABLE AND HARD-WEARING
Resistant to dust and liquids,
IP 67 certified.

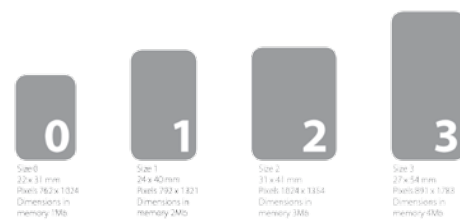
DIRECT USB
USB direct plug-and-play
connection to display
Real-Time images.

Hy-Scan Phosphor Plate scanner

Digital diagnostic technology for high definition intraoral images.

Outstanding digital imaging quality combined with the practicality and affordability of traditional film.

- Essential, compact design
- Ergonomics and positioning comfort
- High definition digital images
- User-friendly



0

Size 0
22x31 mm
Plate 76x104
Dimensions in
memory 180

1

Size 1
24x40 mm
Plate 79x121
Dimensions in
memory 200

2

Size 2
31x41 mm
Plate 104x134
Dimensions in
memory 300

3

Size 3
37x54 mm
Plate 130x170
Dimensions in
memory 400

Dental X

Domina Plus B

Domina is the expression of dxp's strength, which oozes from every detail, thereby ensuring everything you need to make your job simple and effective. The built-in printer to ensure the traceability of every sterilization cycle, the bacteriological filter, the practical tank lid, and clean water/dirty water taps are a few examples.



SAFE

The data of every sterilisation cycle are traceable, in compliance with the applicable standards in force, thanks to the built-in printer or optional USB Log and External printer.



GENTLE

The Adaptive Heat system eliminates thermal shocks and sterilises turbines and handpieces, thereby minimising the risk of damaging them.



RELIABLE

Domina is designed to last over time, thanks to its innovative, top-quality components.



AFFORDABLE

Its reliability minimises maintenance, which, together with its energy efficiency and low consumption, leads to lower costs.

	Parameters	Temperature	Sterilization	Vacuum	Class
1	B134	134° C	5'	3	B
2	B121	121° C	20'	3	B
3	B134	134° C	3'	2	S
4	CUSTOM	105-135° C	3'-9'	2-3-4	



THERMOSEALING Machine (Newseal)



NewSeal is a further demonstration of Dental X's reliability. This sealer allows you to seal the surgical instrumentation before placing it inside the autoclave, thereby preserving its sterility at the end of the cycle. It is equipped with a self-adjusting heating element that produces a 10 to 11 mm seal. It starts sealing automatically upon lowering the lever.



NISEA
AUTOCLAVE SERIES
VERSION 18 AND 23 CLASS B CYCLES



VERSION 18 AND 23
CLASS B CYCLES

User-friendly, interactive, fast and ergonomic: **NISEA Premium** is the full optional FARO class B autoclave, able to meet the requirements of the most advanced professional needs concerning the sterilisation cycle.



Medical Device compliant with Directive 93/42/CEE
CE
0051



CONTRA-ANGLES AND HANDPIECES



MC01 R
Transmission 1:5
Fast and precise working thanks to the small head, spindle and ceramic ball bearings.
Best reliability thanks to internally conducted spray water and air, 3-hole spray, and replaceable water filter.



MC01 G
Transmission 5,4:1
Efficient with single spray and internally conducted spray water and spray air. Efficient access thanks to the small head.



MC01 RL
Perfect lighting thanks to the high quality glass rod light conductor.



MC01 GL
Perfect lighting thanks to the high quality glass rod light conductor.



MC01 B
Transmission 1:1
Efficient with single spray and internally conducted spray water and spray air. Efficient access thanks to the small head.



Straight handpiece MC01 S
Transmission 1:1
Efficient with single spray and internally conducted spray water and spray air. Quick easy bur change thanks to the revolving ring system. Suitable for straight and contra-angle burs



MC01 BL
Perfect lighting thanks to the high quality glass rod light conductor.

USER-FRIENDLY INTUITIVE INTERFACE




The 5" high-definition colour touch screen display, and its intuitive graphics, make the use of NISEA Premium clear and simple.

ERGONOMIC EASY LOADING AND UNLOADING

NISEA Premium has been designed to simplify the operations of loading and unloading of both water and tools, in order to make the sterilisation cycle as easy as possible.

INTERACTIVE FULL TRACEABILITY



Cycle data and related reports are automatically saved in the internal memory and can be downloaded in digital format (PDF) via USB, Ethernet and Wi-fi (optional) or in paper format, using the dedicated external printer (optional).

INTEGRATED LOADING PUMP

Thanks to the integrated loading pump and the connections positioned on the front, the loading and unloading operations are practical and fast.




MOTORISED DOOR

The motorised opening and closing of the door makes easy and safe the loading and unloading operation of the instruments.




EXTERNAL PRINTER




In addition to cycle data, the external printer allows you to print labels with barcode containing all the information related to the cycles performed.

USER MANAGEMENT



Thanks to the user management system it is possible to identify the operators who use the autoclave and match them with the cycles performed.

FAST B-FLASH CYCLE



Thanks to the optimisation activities of the thermodynamic cycle, NISEA Premium performs cycles in a short time while containing water consumption. The B-Flash cycle, flagship of FARO technology, allows to carry out less B cycles in a shorter time, preserving all the qualities of this type of cycle.

DENTAL TURBINES

MT02 L

- Head diameter: 12,5 mm
- Head height: 14,5 mm
- Power: 16 W at only 2,8 bar
- Spray: with 4 jets
- Optical photoconductor: up to 25,000 LUX
- Clamping force: 30 N



MT02 Mini L

- Head diameter: 10,8 mm
- Head height: 12,3 mm
- Power: 13 W at only 2,8 bar
- Spray: with 1 jet
- Optical photoconductor: up to 25,000 LUX
- Clamping force: 30 N



MT02 B44

- Head diameter: 12,5 mm
- Head height: 14,5 mm
- Power: 16 W at only 2,8 bar
- Spray: with 4 jets
- Clamping force: 30 N
- Coupling: Midwest 4-way



MT02 Mini B14

- Head diameter: 10,8 mm
- Head height: 12,3 mm
- Power: 13 W at only 2,8 bar
- Spray: with 1 jet
- Clamping force: 30 N
- Coupling: Midwest 4-way



Standard Features for all models

- Lightweight
- Small head made of stainless steel
- Very low retraction effect
- Anti-slip and extra-resistant surface
- Sterilisable up to 135°C (275°F)
- Washable with thermo-disinfector
- 18-month warranty

TECHNICAL SPECIFICATIONS

- Silent and accurate operation
- Ceramic ball bearings
- Automatic retaining system
- Autoclavable up to 135° C

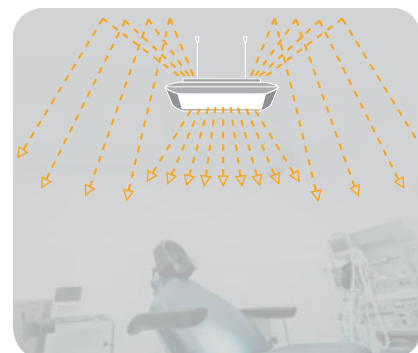
MT02 B42

- Head diameter: 12,5 mm
- Head height: 14,5 mm
- Power: 16 W at only 2,8 bar
- Spray: with 4 jets
- Clamping force: 30 N
- Coupling: Borden 2-way





Operating Dental Unit Light



TECHNICAL FEATURES

GENERAL SPECIFICATIONS*	SIDÉREA SUNLIGHT	SIDÉREA SUNLIGHT SLIM
POWER	Max 300 W	Max 200 W
DIMENSIONS	1.605 x 645 mm	1.030 x 645 mm
WEIGHT	18 Kg	14.5 Kg
LUX	Up to 3.000 LUX (at a distance of 1.4m)	Up to 2.200 LUX (at a distance of 1.4m)
COLOUR TEMPERATURES	Indirect 4000K/Direct 6500K	
TM 30	Rf 97.3 Rg 100.3	
UGR	<10	
MEMORIZATION OF LAST ILLUMINATION LEVEL	NEW	*
NO FLICKER SYSTEM	NEW	*

Product in Compliance with Directive 2015/35/EU
*(The technical data indicated are typical values subject to tolerance)

18



ALYA

- NEW DESIGN
 - NEW LED
- For The Real Perception of Objects Colours
- LIGHTING
- The light intensity is between 3.000 and 50.000 lux
- NEW PATENTED OPTICAL PROJECT
- With Reflected Light, For The Protection of Your Patients' Health
- NEW DIMENSION OF THE HEAD
- For a Shadow-Removing Effect Never Achieved Before
- NEW ELECTRONICS
- For An Always More Careful Control
- NEW ERGONOMIC HANDLES
- Sterilizable and Easy to Remove



MAIA

- NEW DESIGN
 - NEW PATENTED OPTICAL PROJECT
- FOR A SCIALYTIC EFFECT
- thanks to the exclusive optical with reflected light, the 258 small reflecting parabola facets avoid the direct rays of the 2 LEDs, creating an absolutely uniform spotlight area of 170*85mm
- NEW LED
 - OPTIMAL PRICE / BEST QUALITY
 - LIGHTING
- The light intensity is between 8.000 and 35.000 lux
- HANDLES
- Removable and sterilizable handles
- EASY TO MOVE
- Perfect balancing.combined with the exclusive head rotation system on two axis. Moreover, choosing the third axis rotation option its possible to achieve a better positioning of the luminous flux.



EDI

- HALOGEN ILLUMINATION
- Source is diffused by a parabolic mirror
- ARMS
- The overlapping coupling arms grants a smootmovement
- OPTICAL PROJECT
- Wide and sharp spot area: 180mm*60mm
- HANDELS
- Removable and sterilizable handles
- LIGHTING
- The light intensity is 25.000 lux
- HALOGEN BULB
- The halogen bulb is 17V, 95W
- ON/OFF
- Available with the mechanical or sensor switch placed on the head
- INSTALLATION
- Can be fitted on every kind of dental unit.

EVA CAM

- EVA CAM is the operating lamp with integrated professional camera available in SUNLIGHT and TUNABLE WHITE versions. Ideal for real time pics and videos to share and compare live and remotely.
- The zoom is specific for dental practice to ensure direct and precise framing.
- The foot control allows no interruptive procedure to keep the attention on the operating field.
- EVA CAM is the best partner for constant and effective communication with the patient, colleagues and students and it enables a comprehensive and accurate record for diagnosis, treatment and traceability



INTEGRATED CAMERA

EVA SUNLIGHT



SUNLIKE TECHNOLOGY

EVA

EVATHEIATECH®

- Integrating 54 LEDs in the rear arm of EVA enables the synchronization of the two lamps for a balanced vision in the pre-operating area, reducing visual and postural fatigue for the doctor, assistant and patient due to shifts in the light and position



5000K | UP TO 1500LUX

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Oil/Free Dental Compersor

50/10 GENESI S

Model	Air dryer	Air Capacity m ³ /h l/min cfm	FAD @ 5bar m ³ /h l/min cfm	Motor HP KW	Volt. V	Freq. Hz	Receiver l GAL
50/10 GENESI S	no	- 182 6,40	- 135 4,8	1,5 1,1	230	50	40 10,5

Model	Noise Level dB(A)	Duty cycle	Max pressure bar PSI	Size mm	Net weight Kg lb
50/10 GENESI S	65	50%	7 101	600x410x770	38 83



50/15 PRIME S



Model	Dental chairs	Air dryer	Air Capacity m ³ /h l/min cfm	FAD @ 5bar m ³ /h l/min cfm	Motor HP KW	Volt. V	Freq. Hz	Receiver l GAL
50/15 PRIME S	2-3	no	- 255 9,01	- 170 6	2 1,5	230	50	40 10,57

Model	Noise Level dB(A)	Duty cycle	Max pressure bar PSI	Packaging mm	Net weight Kg lb
50/15 PRIME S	66	70%	7 101	600x410x770	46 101

50/25 PRIME S

Model	Dental chairs	Air dryer	Air Capacity m ³ /h l/min cfm	FAD @ 5bar m ³ /h l/min cfm	Motor HP KW	Volt. V	Freq. Hz	Receiver l GAL
50/25 PRIME S	4	no	- 360 12,7	- 250 8,8	3 2,2	230-400	50	40 10,57

Model	Noise Level dB(A)	Duty cycle	Max pressure bar PSI	Size mm	Gross weight Kg lb
50/25 PRIME S	66	70%	7 101	600x410x810	54 119



100/30 TANDEM PRIME S



Model	Dental chairs	Air dryer	Air Capacity m ³ /h l/min cfm	FAD @ 5bar m ³ /h l/min cfm	Motor HP KW	Volt. V	Freq. Hz	Receiver l GAL
100/30 TANDEM PRIME S	6	no	- 510 18,01	- 340 12	2+2 1,5+1,5	230	50	90 23,77

Model	Noise Level dB(A)	Duty cycle	Max pressure bar PSI	Size mm	Net weight Kg lb
100/30 TANDEM PRIME S	69	70%	7 101	1100x600x810	97 213

METASYS CENTRAL SUCTION SYSTEMS

The suction power of dry suction motors, combined with integrated air/water separation and different, optional amalgam separator modules are the cornerstones of a central suction system, marked by its flexible and individual structure, high level of user-friendliness, and its unobtrusive yet efficient technology. The fact that the EXCOM hybrid can be used as a dry as well as a semi-wet suction system makes it so unique.



EXCOM hybrid 1S

Central dry and semi-wet suction system for 1 - 2 dental unit



EXCOM hybrid 2

Central dry and semi-wet suction system for up to 3 - 6 dental units



EXCOM hybrid 5

Central dry and semi-wet suction system for up to 7 - 10 dental units

Made In AUSTRIA			
	EXCOM hybrid 1S	EXCOM hybrid 2	EXCOM hybrid 5
Mains voltage	230 V AC	230 V AC / 400 V AC	230 V AC / 400 V AC
frequency	50/60 Hz	50/60 Hz	50/60 Hz
Max. electrical shaft power	0,55 / 0,63 kW	1,1 / 1,3 kW	1,5 / 1,75 kW
Max. ambient temperature	40 °C	40 °C	40 °C
Air flow rate	1.1001/min	1.5001/min	2.5001/min
Negative pressure regulated	120 / 140 mbar	180 mbar	180 mbar
Operating time	100 %	100 %	100 %
Weight	25,3 kg	31 kg	34 kg
Noise level	63 dB(A)	63 dB(A)	65 dB(A)
Dimensions (L*W*H) mm	460 * 367 * 504	441 * 342 * 620	499 * 363 * 626
Separation rate	99,3 %	99,3 %	99,8 %
Dental units	1 - 2	3 - 6	7 - 10



GREEN&CLEAN M2

Disinfection and deodorising of suction systems.



Amalgam Separators
MULTI SYSTEM TYPE 1

- Optimal static air/water separation
- Integrated place selection valve
- Connects directly to the spittoon bowl
- Very easy to service due to its modular construction
- Suitable for wet and dry systems
- Separation rate of 98.6 %



D6-LED

- Automatic water supply system brings more convenient operatic (Optional)
- Detachable handpiece with light enables better visibility.
- Automatic degenerative feedback and constant power output brings more comfortable scaling.

Scaling Perio Endo Handpiece with LED Auto-water supply



Curing Light LUX E PLUS

- Especially suitable to solidify agglomerant of orthodontic bracket, veneer and post.
- Light intensity updated, only 3 second for curing
- Light output: 800 mw/cm²- 1600 mw/cm²
- Constant light output. Solidification effect will not be affected by the consumption of remaining power.
- Optical fiber can be autoclaved under 135 degree high temperature
- Long life led
- 3 different working mode: Fast, Ramp, Pulse

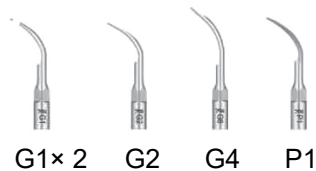


UDS-N2



- Detachable handpiece with light outoclavable.
- Automatic frequency tracking.
- Accurale feedback control and constant power output, ensure amore comfortable feeling to patients.

Main unit input	24V~50Hz/60Hz 1.3A
Output Power	3W to 20 W
Frequency	28kHz+3kHz
0.1 bar to 5bar	(0.01MPa to 0.05MPa)
Main unit weight	0.2kg
Dimensions	74mm× 56mm× 38mm



UDS-N2 LED
(Detachable handpiece HW-5L)

UDS-N2
(Detachable handpiece HW-3L)



Professional Ultrasonic Cleaner CD-4831(II)



- 3-color LED display
- 1 to 30-minute full range timer
- 5 temperature settings
- solution usage timer



- Tank capacity: 3000 ml
- Tank opening size: 25.0 * 17.4 * 7.8 cm
- Longest item that can fit inside the tank is 26.6 cm



Independent power switch and detachable power cord, convenient to use



MSN Built-in Curing Light

- Special design for dental unit
- Light intensity out put up to 1000 mv/cm²
- The light source adopts original American LED.
- pressure of the 0.22Mpa
- Light source: blue light
- Wave length 420nm-480nm
- Ramp, fast and pulse function
- Led system
- Light weight (135 gr)



**Internal
Low Speed handpiece
King-L-M4**

- Code: King-L
Chuck type: push button type
Description: internal water course, push button type, can use polisher, burs, dental lab disk, reamer. self-lubricated function of air motor, 4 holes



**Low Speed handpiece
Code: Miracle-U-CA
Code: Miracle-CA**

- Push button & Screw type for CA burs 2.35-0.0016mm can use polishing brush, polishing cup, grinding head and canal reamer.



**Low Speed handpiece
Code: Miracle-Sh**

- Speed ratio: 1:1
With metal clasp,
More Convenient to handel

HIGH Speed Hand piece

- Code: King Series
Triple Water spray for better cooling effect folder cartridge, push button cartridge is compatible with pana air torque head 4 holes
- Code: Sp3 Series
Triple Water spray for better cooling effect Exposed cartridge, easy for repair push button cartridge is compatible with Kavo 8000 Torque head 4 holes Bright LED Light

LED Hand Piece with Generator

- Code: Sp3 Generator
Super Spotlight
Unique white light
Torque Head
Quick coupling for choice
Cartridge for Kavo 8000

**Low Speed hand peice
Code: Miracle-AM-M4 (Air Motor)**

- Special automatic lubricated system can fully ensure the longer life-span and stability of air motor will be got stuck or stopped working after long time using without lubricant



TPC Handpiece Cleaning and Lubrication System

H6005

Features

- Economical, efficient and time-saving
- A fail-safe maintenance solution for your office
- Filtered air used to rotate handpieces for safety
- Care for most handpieces and all handpieces brands
- Disposable mist filtration system
- Solution level indicator
- Detachable door for easy cleaning of unit
- Easy replenishment of solution tank
- External oil adjustment valve
- Air pressure gauge
- Two high speed / One low speed E-type motor

Package Includes:

- Mist filters pkg of 12
- Lubrication fluid
- Funnel
- Air filter



Cordless LED Curing Light

LED 50N

Specifications

Power supply: AC 100-240V / 50-60 Hz
 Light source: 5W LED
 Wavelength: 430-490 nm
 Light Intensity: 1000-1100 n
 Battery: Lithium ion



Advance Cam Intraoral Camera

Corded Camera & Docking Station System

Specifications

- Imager Sony 1/4" CCD
- Capture size 640 * 480
- Light Source 6 White LEDs
- Power 9V 2.4A
- Frame Rate 30 fps MAX
- Connections AV & Composite
- Frequency 2.4Ghz
- Memory Micro SD 8GB

Wire Intraoral Camera



Wire-less Intraoral Camera



AIC5920

Transmitter



AIC5925W

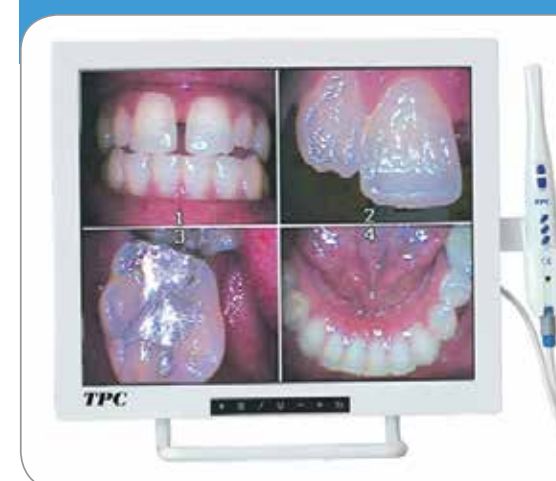
AV, VGA & HDMI Output
Advance Cam Docking Station System



Monitor Bracket

Easily positioning
4 ways pivot adjustment

17" LCD Multimedia Monitor



Features:

- Camera features a 1/4" High Definition image sensor
- 17" Monitor features a High Definition resolution of 1280 x 1024
- Full USB port allows for easy transfer
- High Definition real time video input allows for quick playback and easy patient diagnosis
- Camera buttons are easily accessible to control capture and playback functions
- Camera is illuminated with six bright LED; giving the best contrast, definition and resolution
- Camera features an automatic gain control to automatically adjust the light intensity to the CCD
- Input supports: USB, VGA, HDMI and AV.
- Media playback format includes: MP3 audio, MP4 video and JPG image
- Adjustment on monitor include: Contrast, brightness and color
- Monitor comes equipped with a medical grade tempered glass front panel to minimize scratches
- Monitor Language supported: English, Chinese, Spanish, German, Portuguese and Arabic
- 4gb memory card (included) allows for easy image transfer and patient file management
- Easy integration of LCD monitor with camera on the dental delivery unit due to no additional cabling needed

Disposable Prophy Cups & Brushes



Latch type prophy brush / cup shade / white / pkg of 100

Disposable Syringe Tips

- ✓ Pour pipe
- ✓ No adapter required fits most syringes
(Unless converting from proprietary tip adapter)
- ✓ Interchangeable with metal syringe tip
- ✓ Available in a variety of bright colors
- ✓ Dispensing contrainer reduces the risk of cross contamination



Disposable Micro Applicators



Four individual dispenser tubes included with each box

36 Boxes/Case



Regular

Fine

Super Fine

CHROMATIC



- Study models
- Antagonist
- Removable and fixed prosthesis
- Temporary crowns and bridges



Purple phase: mixing
Pink phase: impression tray loading
White phase: insertion in mouth

	Type I
Working time (23°) including mixing time	1' 45"
Minimum time in mouth (37°)	30"
Reproduction of details (µm)	20
Elastic recovery (%)	95.5
Dimensional stability	168 h
Flavour	spearmint
Colour	white

168 HOURS
EDS
EXTRA DIMENSIONAL STABILITY

EASY TO USE



Kromopan chromatic phases

Kromopan and Alginor-ortho are the Lascod chromatic alginates. The chromatic phase indicator helps the preparation of the impression tray work regardless of environmental conditions and of temperature and hardness of the used water.

The long working time allows to manipulate the product with extreme calm.



20 µm
30" setting time in mouth
15 µm
maximum precision

All Lascod alginates show a high details reproduction. This is an essential requirement to realize accurate models that improve the realization of the prosthesis model.

NON CHROMATIC

New generation alginate and top quality level product specific for high precision impressions with details definition up to 15µ. It's the ideal solution for any use where detail definition is essential for perfect prosthesis realizations.

- High precision impressions in removable and fixed prosthesis
- Temporary crowns and bridges
- Position impressions
- Antagonist models
- Study models

15 µm maximum precision



Working time (23°) including mixing time	1' 45"
Minimum time in mouth (37°)	30"
Reproduction of details (µm)	15
Elastic recovery (%)	96.2
Dimensional stability	168 h
Flavour	strawberry
Colour	pink

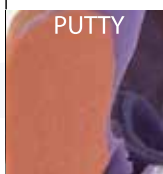
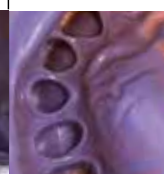



Silaxil

condensation curing silicone

The last technological development of C-silicone at Lascod providing the highest accuracy in details survey. Adaptable to every impression technique. Its high dimensional stability allows preserving the impression over time without any dimensional alteration of the models.



	PUTTY	PUTTY	LIGHT BODY
			
	40 µm	5 µm	5 µm
		PUTTY	LIGHT BODY
mixing time (23°C)		30"	30"
working time (23°C) including mixing time		1' 20"	2'
minimum time in mouth (37°C)		3'	3' 30"
elastic recovery		99.75%	99.9%
compressive strength		3.5%	4.5%
Shore-A hardness		50 SH A	40 SH A

fast setting time



accuracy



Its viscosity ease mixing, making it free from any porosity, it also allows the detail's reproduction without compressing the mouth tissues.

The long working time allows to perform the various stages of impression taking, without that the material pre-hardens hastily.

Minimum time in mouth!

Elastic returns as well as compressive strength are well beyond the standards of the products currently on the market.

flavours & colors

The selection of delicate flavors, mint for the Putty and orange for the Light Body and the Regular Body, allows not to alter the degree of the patient's saliva and greatly reduces the emetic effect.

The purple color (Light Body) and the green color (Regular Body) allow to check the perfectly homogeneous mixing of base paste and the catalyst, creating later a great contrast between the first and the second impression.



OKLUREST

silicone for bite registration

- Easily and safely workable thanks to double cartridge system 1:1
- Maximum control during positioning
- Thixotropic
- Imperceptible viscosity for patient
- Exact reproduction of occlusal details (15µm)

- Short setting time
- Minimum dimensional variation
- Undeformable / stable over time
- Easy insertion and removal from the model
- Easy finishing by burs

imperceptible viscosity



maximum precision



Ghenesyl

addition curing polyvinylsiloxane silicone



LASCOD

Italian Dental Manufacturer
1946

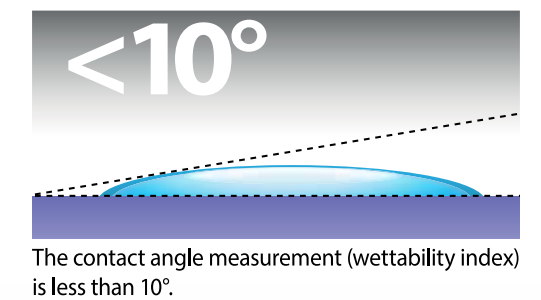
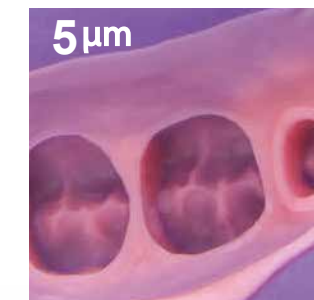
Polyvinylsiloxane addition curing silicone is a versatile and efficient product guaranteeing maximum precision in humid conditions. KromopanSil has different grades of hardness (Hard/Soft) and consistency (Superlight/Light/Regular/Heavy) which attain the best results adapting to every impression technique.

A long working time increases the product workability.

At the same time a short setting time in mouth is guarantee for the best patient's comfort.

New formula!

thixotropicity, accuracy
hydrophilicity



The contact angle measurement (wettability index) is less than 10°.



KROMOGLASS:
glass ionomer water based cements

2
KROMOGLASS 2 is a water based glass ionomer cement (mixable with water), formulated for deciduous teeth class 1 fillings, repairing cuneiform defects, erosions of enamel and roots at the neck of the tooth, class 3 permanent fillings, class 5 fillings, fissures filling, support filling for crown and bridges.

low thermal reaction/sensitivity

3
KROMOGLASS 3 is a water based glass ionomer cement (mixable with water), formulated for permanent cementing of crown and bridges, inlays, onlays, and orthodontic bands. Cementing of ceramic restorations (silicate ceramic, zircon oxide, aluminum oxide).

extraordinary adhesive properties

radiopaque

Perfectly radiopaque Kromoglass eases controls and subsequent diagnoses.

fluoride release

Long term high percentage fluoride release prevents from the risk of new caries.



Certifications:

