



# RELY ON US

every smile counts



2018  
**EQUIPMENT**  
specialty catalog

# The Equipment Team



**Bruce Fowler**  
Equipment Manager

*Bruce has enjoyed a variety of roles over a 20 year career in Oral Health and he enjoys strong partnerships with all our manufacturers. With both commercial and technical equipment experience, Bruce is able to understand client needs and consistently deliver reliable solutions. As the leader of our Equipment Team, Bruce welcomes any opportunity to be involved in contributing to quality patient care and growing better dental practices.*

Thank you for partnering with Henry Schein for equipment that you can depend on. 2017 was a record year for the Equipment Team and our growth is a measure of the trust that you have in us.

We are the New Zealand presence for global brands that lead the way in dental technology. It takes skill and knowledge to help you make the right selection from a sophisticated range, achieve a smooth installation and be there with responsive support. Henry Schein brings decades of experience to the market and we continue to invest in our people to stay relevant and ensure we have the depth to be there when you need us. We are confident that our team are world-standard.

This new Equipment Catalogue is a selection of products available to enhance your patient treatment and increase the efficiency of your practice. Of course, ours is a rapidly evolving field like any other and this collection is just an introduction. I'd encourage you to speak with one of our team about your plans or ask them for assistance with anything you may want to change: they want you to be successful and have access to solutions that are broad enough to meet the most specific needs, including the resources to fund it.

Thanks again - we look forward to being of service.



**Karen Houghton**  
Equipment Sales Specialist

Karen has been with Henry Schein for over 12 years, and after looking after practices consumable needs, in 2017 she made the move to join the Equipment Team. This was the perfect move for her being she loves the more technical aspects of dentistry and also gets great satisfaction from helping practitioners improve their working environment - for both themselves and their patients.

Karen started her career in dental 25 years ago, working in both New Zealand and Great Britain in multiple roles from chair side assisting to practice management across a variety of general, specialist and teaching practices.

After all these years, Karen is still incredibly passionate about dentistry and very excited about the advances in dental equipment - in particular digital dentistry. She looks forward to sharing her experience and ideas on maximising efficiency, workflow, patient comfort and most importantly operator comfort. Karen believes the correct choice of equipment can make everyone's work place happier!

When not at work Karen can be found running around after her 4 year old and enjoying the lifestyle in the Bay of Plenty after having moved to Tauranga early in 2017.



**Edward Harrison**  
Equipment Sales Specialist

Edward emigrated from England in 2005 with his family to start a new adventure in New Zealand.

He worked in consumer electronics managing a number of electronics stores developing a career which advanced into buying and product management. In 2013, a new opportunity arose in the Equipment

Team at Henry Schein and Edward jumped at the challenge to join this innovative industry. The digital technology, diverse product portfolio and range of suppliers from around the world excites Edward who enjoys providing complete solutions to dental practices nationwide.

Edward believes the future lies in digital devices and a digitally integrated setup, and he is confident Henry Schein has the products and support to help with workflow selection and execution of an innovative practice.

Edward is an avid golfer and enjoys all of the courses New Zealand has to offer. When not playing golf he enjoys travelling and spending time with family and friends.

# The Equipment Team



## **Daniel Els** Equipment Sales Specialist

Daniel has been in the dental sales industry for 22 years and moved to New Zealand from South Africa 2 years ago.

Daniel finds it very rewarding to offer a dental practice cutting edge equipment that improves efficiency whilst creating a better return on time and capital spend.

With his knowledge and experience, coupled

with the resources of the greater Henry Schein team he can offer practical advice on variable options to improve the bottom line of a dental practice. Good equipment purchases will increase practice appeal and patient treatment plan acceptance.

Dentistry is constantly improving with the changing technology, which makes the dental practice more exciting and interactive with regard to treatment options and improved outcomes.

Daniel is proud to be a part of a Henry Schein Equipment Team that is able to offer expertise and comprehensive solutions for both the new and established practice.

*Nelson Mandela – “It always seems impossible until it’s done”*



## **Christo Kovachev** Digital Imaging, CAD/CAM, Software Integration and Support

Christo has been part of the Henry Schein training and support team for 3 years now and totally loves the industry. Every day is different in this always evolving environment with each customer having their own unique set of requirements and expectations. This makes for a challenging

yet rewarding exercise in dealing with new installations and supporting existing customers.

Christo comes from an IT and electro/mechanical background and has worked as a contractor for many years around the world in varying industries- from mining and military to corporate and medical areas. This gives him a broad range of skills and experience to tap into when dealing with everyday issues.

Christo believes what we do at Henry Schein is critical to the success of dental practices of all sizes and most importantly the wellbeing and effective treatment of patients.

On a personal level he has 2 young children, and a passion for travelling, camping and fishing.



## **Dustin Jacobsohn** CAD/CAM and Digital Imaging Technician

After completion of his studies in 2005 Dustin started working as an IT Technician until in 2007 he was given an opportunity to work in a Dental Manufacturing facility. He worked for this company for six years until he decided he would like to run his own business, which he did for two years focusing primarily on IT and networking.

During this time he was called upon to do a number of CAD/CAM installs and assisted a lot of dental practices and laboratories which led to him being approached by a dental supply company to work for them full time. He worked for this company for two years before relocating from South Africa to New Zealand to join Henry Schein in April 2017. Within the last four years he has been fortunate to attend various training sessions abroad in Finland, Germany and Australia.

Dustin has always kept his IT knowledge current as he feels this is really important within the Dental Industry as we are in the digital space and every day we move further away from analogue and into the digital era. He has also expanded his knowledge and experience within the Digital Imaging field and application support.

Within his role here at Henry Schein one of the things he loves most is the constant learning potential, not a day has gone by where he hasn't had the opportunity to learn something new or to find a better way of doing something. He believes this to be very important as if you are not battling or learning you're not growing and you will be left behind.



## **Mihai Totu** CAD/CAM and Digital Service Technician

Mihai's previous work experience involves mostly IT, electronics, telecommunications, networking, servers, programming, CAD/CAM design, mechanical and electrical assemblies. He has had previous experience in the dental industry with regards to software implementation of CAD design and software development.

Mihai is the newest member of the team and he is enjoying every aspect of his role which predominantly involves supporting customers with digital and CAD/CAM support. He finds this new role a rewarding challenge as problems need to be solved fast and when results are achieved customers are extremely appreciative of his efforts.

He loves helping our customers and being able to add value to their business by providing answers and support in the quickest way imaginable.

Mihai has said previously – “I believe that Henry Schein Dental offers the best in class service, especially from the inside I can appreciate that people here are working tirelessly and continuously for their customers, they love their job and enjoy every moment of it. For Team Schein, customers are always the number one priority throughout the day.”

*“Things are only impossible until they're not!”  
Captain Picard, Star Trek*

# Welcome to the Henry Schein Dental Equipment Catalogue

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# Stools

## Comfort Series Assistant's Stools



Those who really desire all the ergonomic provisions will appreciate our Comfort Series Assistant's stools.

A height adjustable backrest tops off the features found on the Standard Series Assistant's stool.

The stool top also rotates independently of the backrest, which is ideal for leaning over, or for use as an armrest.

## Comfort Series Doctor's Stools



Providing the ultimate in ergonomic adjustments for the discerning specialist who requires precise positioning while seated.

Our Comfort Series Doctor's stools give independent seat base tilt adjustment, in addition to a full range of backrest positions.

Everything adjusts at the flick of a lever. "Freeflow mode" is also possible when the levers are raised to their highest position.

## OSJ-1 Operating Stool



Morita's primary design focus remains fixed on dental ergonomics and correct operating positions. Your BOP (Balanced Operating Position) is the key! The newest variation of Morita operating stools is where your balanced operating position starts and finishes. OSJ stools are specifically designed to promote the optimal natural position with perfect balance and comfort.

### Features:

- Ergonomic and functional design
- Promotes natural, upright posture
- Less stress on the spine and muscles
- Smooth operating transition
- Available in various upholstery colours



# Stools

## Lumo™

A form that follows you.



**PLANMECA**

Our anatomically designed Planmeca Lumo™ dental stool provides outstanding support and comfort for users of all heights and sizes. The stool's distinguished design is in line with other Planmeca products. Planmeca Lumo is available in all Comfy™ and Ultra Relax™ upholstery colours - forming a perfect match with Planmeca dental units.

### Features:

- Enables smooth movement on all kinds of floors
- Height-adjustable backrest provides lower back support for users of all sizes
- Forward tilting seat minimises the strain and pressure on thighs
- Flexible seat slider provides more space for larger users
- When enabled, synchro backrest follows every move

## Olo™

Gives your back the best position.



**PLANMECA**

Planmeca Olo™ saddle stool is the newest member of our stool selection. Planmeca Olo gives the back its most natural position during the treatment sessions. The height is easy to adjust for different users. The incomplete circle shape of the foot ring allows close proximity to patient and other stools when needed. The exceptional design of the seat features handles and the uniform design contributes to perfect infection prevention.

### Features:

- Natural position for your back
- Easy height adjustment for different users with the foot ring
- Optimally shaped foot ring enables close proximity to patient and other stools
- Adjustable seat angle for best possible working position
- Uniform design for perfect infection prevention
- Free rotating casters for smooth movement on all kinds of floors

## PHYSIO Evo / Evo F

Morita's primary design focus remains fixed on dental ergonomics and correct operating positions. Your BOP (Balanced Operating Position) is the key! The newest variation of Morita operating stools is where your balanced operating position starts and finishes. OSJ stools are specifically designed to promote the optimal natural position with perfect balance and comfort.

### Features:

- Ergonomic and functional design
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- Less stress on the spine and muscles
- Smooth operating transition
- Available in various upholstery colours



**KAVO Kerr**

# Suction

## Micro SMART



### Semi Wet Suction System for 1-2 Simultaneous Users.

Micro SMART is a semi wet suction system with INVERTER control for one to two surgeries. It is our most powerful suction system for its compact size. Their superior design, mechanical precision and robust components result in all SMART suction systems being backed by a 3-year parts and labour warranty.

## Turbo SMART



### Semi Wet Suction System for 2 - 20 Simultaneous Users.

Turbo SMART is a semi wet suction system with INVERTER control. It is our most versatile suction system known for its consistent high performance and can be supplied in many configurations to suit your suction requirements. Their superior design, mechanical precision and robust components result in all SMART suction systems being backed by a 3-year parts and labour warranty.

## Micro SMART CUBE



### Semi Wet Suction System for 1 - 2 Simultaneous Users with Integrated Acoustic Cover.

## Turbo SMART CUBE A



### Semi Wet Suction System for 2 - 3 Simultaneous Users with Integrated Acoustic Cover.

## Turbo SMART CUBE B



### Semi Wet Suction System for up to 4 Simultaneous Users with Integrated Acoustic Cover.

Turbo SMART CUBE is a semi wet suction system with INVERTER control for one to two surgeries. It is our most powerful suction system for its compact size. Their superior design, mechanical precision and robust components result in all SMART suction systems being backed by a 3-year parts and labour warranty, but now with an acoustic cover it's even quieter.

# Suction

## VS Systems

**VS 300 S**



For one operator and two treatment rooms.

**VS 600**



For two operators and three treatment rooms.

**VS 900 S**



For three operators and five treatment rooms.

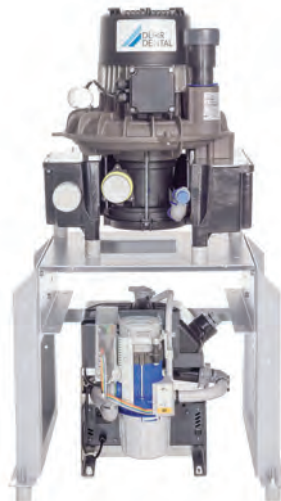
## VSA Systems

**VSA 300 S**



For one operator and two treatment rooms.

**VSA 600 S**



For two operators and three treatment rooms.

**VSA 900 S**



For three operators and five treatment rooms.



# Air Compressors

## Cattani Air Compressors

### A Compressor for Every Occasion.

The compressor is among the most important pieces of equipment in the dental surgery, the success of a clinic is dependent not only upon the reliability of the compressor, but the quality the air compressor supplies. Superior performance and precision design have made Cattani air compressors a market leader.

With Cattani's extensive range the right compressor can be chosen to meet any practice requirements. All units can be supplied with an acoustic hood, reducing noise levels by approximately 10 dB(A). The K100, K200 and K300 are available with an acoustic cover, guaranteeing noise level reduction of 20 dB(A), making them almost silent.

### AC-100



Recommended for 1 surgery  
Flow 67.5 NI/min  
Power 1 ph 240 V 3.8 A 0.55 kW  
Receiver 30 l  
Sound 70 dB(A)  
Weight 47 kg  
Dimensions H=720 W=620 D=460

### AC-200



Recommended for 2-3 surgeries  
Flow 160 NI/min  
Power 1 ph 240 V 7.1 A 1.25 kW  
Receiver 30 l  
Sound 71 dB(A)  
Weight 54 kg  
Dimensions H=720 W=620 D=460

### AC-300



Recommended for 3-4 surgeries  
Flow 238 NI/min  
Power 1 ph 240 V 9.2 A 1.5 kW  
Receiver 45 l  
Sound 73.6 dB(A)  
Weight 64 kg  
Dimensions H=750 W=620 D=520

### AC-400 & AC4001P



Recommended for 5-6 surgeries  
Flow 320 NI/min  
Power 1 ph 240 V 15.4 A 2.4 kW  
3 ph 400 V 7.2 A 3.0 kW  
Receiver 100 l  
Sound 73 dB(A)  
Weight 112 kg  
Dimensions H=745 W=1155 D=550

# Air Compressors

## Durr Dental Air Compressors

- Membrane drying unit for continuous performance without regeneration time
- Modern motor concept for highest precision and running smoothness
- Reliable and long-lasting technology, designed for continuous operation
- Models for single users through to hundreds of users (hospitals, teaching clinics and government)
- Tandem models for trouble free upgrades with growing performance requirements
- Anti-bacterial inner tank coating and sterile filter for absolute freedom from germs
- Made in Germany

### Duo

- The classic of the compact compressors with 2-cylinders - oil free
- 20L tank capacity
- Dimensions (H x W x D)  
64 x 49 x 44cm
- Weight: 47kg
- Membrane dryer technology for continuous compressor operation
- For maximum 2 treatment units working simultaneously



### Quattro

- Powerful four cylinder compressor - oil free
- 50L tank capacity
- Dimensions (H x W x D)  
76 x 74 x 72cm
- Weight: 82kg
- With membrane dryer
- For 4 treatment units working simultaneously.



### Duo Tandem

- Gives you flexibility for a growing practice
- 50L tank capacity including membrane dryer
- Will work with 1 motor to run 2 treatment units
- Can add another motor later so you can run 4 treatment units
- Dimensions (H x W x D)  
76 x 79 x 52cm
- Weight: maximum 90kg with 2 motors



### Trio

- Economical high power compressor with three cylinders - oil free
- 50L tank capacity
- Dimensions (H x W x D)  
76 x 74 x 52cm
- Weight: 70kg
- Includes membrane dryer technology
- For 3 treatment units working simultaneously



### Quattro Tandem

- Very powerful for dental labs and large surgeries
- 90L tank with 1 or 2 membrane dryers
- Can be ordered with 1 aggregate or 2
- Will operate up to 10 treatment units working simultaneously
- Dimensions (H x W x D)  
76 x 102 x 62cm
- Weight: maximum 143kg with 2 aggregates/2 membrane dryers



# Dental Chairs

## ESTETICA E30

KAVO  Kerr

### The KaVo ESTETICA E30 opens a new dimension of Dental Excellence:

The essence of high KaVo quality, reliability and efficiency at affordable entry level pricing.



### Table Version

The compact dentist element offers freedom of movement for your individual treatment procedures and a healthy and natural posture. The integrated display affords a good view of all functions of your dentist element.

### Fully ambidextrous right to left, and left to right convertible treatment unit.

Being left handed is always difficult where the world is made for right handed people. Therefore the KaVo ESTETICA E30 is designed as a treatment unit that is equally well suited for both sides. The unit can be switched easily in less than two minutes from left-to-right or right-to-left operation.

### Swing-Arm Version

The perfectly balanced handpieces are immediately and safely positioned in your hand. The generous length of the handpiece tubings gives you the flexibility to position your dentist element where it is most convenient to you





# Dental Chairs

## ESTETICA E50 LIFE

KAVO  Kerr

My life. My work. My style.

Your lifestyle bears your signature, so continue this in your practice. With your own concepts, preferences and expectations. Focus on the areas that are important to you and feel the support of a high-quality treatment unit which optimally supports your work procedures.

## ESTETICA E50T LIFE - The Table Version

All variants of this treatment centre feature an integrated display and are easy and intuitive to operate. Even better, there's a new patient chair, camera, and software communication system.

### Features:

- New streamlined chair design with optimised softer upholstery
- Two new upholstery colours - cognac & marsala
- Increased maximum patient weight up to 185kg
- New extended highest/lowest chair positions
- New and easy to use ERGOcam One intraoral camera
- Upgrade monitor now available in 19" and 22"
- Very latest KaVo CONEXIO software system which allows you to control patient communication from the dentist element
- Also possible to integrate KaVo DIAGNOcam into E50 LIFE treatment unit
- Also available in knee brake COMPACT chair version



## ESTETICA E50S LIFE – The Swing Arm Version

KAVO  Kerr

Every movement of the swing arm is guaranteed.

### Features:

- Maximum instrument pull-out length of 90cm
- Optimal ergonomic features due to low table height of 45cm
- Individually adjustable retraction spring for the arm
- New streamlined chair design with optimised softer upholstery
- Two new upholstery colours - cognac & marsala
- Increased maximum patient weight up to 185kg
- New extended highest/lowest chair positions
- New and easy to use ERGOcam One intraoral camera
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# Dental Chairs

KaVo ESTETICA® E50 Life

## My life. My work. My style.

Awaken your personal style in the dental office. Choose a treatment unit with simpler workflows, functions and convenient solutions that helps you do exactly that.

- **Patient chair** with a completely new design for optimal ergonomics and improved treatment comfort
- **Modern patient communication** with integral intraoral camera and new high-resolution HD KaVo screens
- **Unique system software CONEXIO** for direct access to all relevant patient data at all times

KaVo ESTETICA® E50 Life – Easy to operate.  
Easy to retrofit. Simply reliable.  
**So start living!**



KaVo. Dental Excellence.

# Dental Chairs

## 1058TM – The Table Version

KAVO ■ Kerr

With the table element you can move more freely for perfect, ergonomic work in every treatment position.



## 1058C – The Cart Version

KAVO ■ Kerr

Take advantage of the additional mobility of the dentist element in cart version.



## 1058S

KAVO ■ Kerr

### The Swing Arm Version

The handpiece instrument lies perfectly balanced in one's hand and the special tubing guidance system as well as the enclosed housing achieves simple, effective and hygienic infection prevention.



## 1058 – COMPACT Chair

KAVO ■ Kerr

If you are looking for a comfortable treatment chair with reduced dimensions for your practice, the COMPACT chair option for your KaVo Primus 1058 is the answer. It may be tilted to make it more accessible for older patients.

It may also be moved from the 80°, upright sitting position into the supine position. Talk to your patients while they are seated, and then treat them while they are reclined.

Available in Table, Swing Arm and Cart versions.



# Dental Chairs

## Soaric

Introducing the exceptional.

Not only is more and more expected of dentists, but they themselves also place greater demands on their practice equipment. Morita now meets these requirements with the Soaric dental treatment unit: It features a wide range of system components and its minimised, harmonious design helps create an atmosphere of trust in the dental practice. At the same time, it combines many functions which help ease the clinician's working day and promote efficient treatment workflow.



### Built-in Cleaning System



### Dentist Element - Easy Cleaning



## Soaric with Microscope Option



### Features:

- Flexible and intuitive operation guarantees optimum treatment process
- Minimum footprint with maximum movement area
- Maximum legroom
- Innovative instrument holders
- Precision height adjustment
- The patented instrument holder for maximum ergonomics and flexibility. Soaric with integrated microscope and a large number of new, innovative instruments for highly demanding odontology offers you the possibility of adapting the unit to suit your requirements
- Endodontics - Morita's strength. Soaric is fitted with special components for a comfortable treatment process
- Optimum LED lighting for precision treatment



# Dental Chairs

## Universal Chair Solutions

**PLANMECA**

Planmeca excel at integrated solutions and high quality treatment packages that just work together; however, we recognise that not all dental professionals have the same need.

Planmeca are pleased to provide their quality components for those practices seeking the high level of quality that is Planmeca, that is more focused to their exact needs without the extra paraphernalia normally associated with a general dental clinic.



**Planmeca Stand Alone Chair** with knee break and 180 degree swivel. Option available with mounts for light and tray.

**Features:**

- Knee break as standard
- 180 degree chair rotation
- Option available with wheel kit
- Option available with light and tray



**Planmeca Stand Alone Cart** with the same feature set as the iTouch illustrated here with optional sterile saline supply.

**Features:**

- Same high quality instrumentation as standard units
- Endo MX2 Motor supplied as standard
- Large instrument tray



**Planmeca SingLED Operating Light**, hands free operation with removable handles for sterilisation.

**Features:**

- Ceiling, wall or unit mounted
- High mounting position
- Colour correct and cool shadow free light



# Dental Chairs

## Compact i Classic Dental Unit

**PLANMECA**

An ideal choice and terrific entry point for the Planmeca Compact i platform. The iClassic enjoys the same fantastic benefits of the iTouch platform in design, tiny foot print and great quality finishes with the integral robustness and longevity of all Planmeca units.

Although priced as an entry point unit there is no compromise in the quality. The shared appearance and platform of the Compact i allows you to enjoy without compromise the core Planmeca ergonomics and quality that is so valued by the rapidly growing cohort of Planmeca owners.

The Compact i Classic is your more traditional dental unit, with buttons to call and control programmable functions instead of graphic user interface. The instrumentation as you'd expect is high quality and focused, and constrained to the needs of general dentistry.



### Features:

- All metal covers for extreme durability
- Panasonic Camera option on doctor or nurse side option
- High Quality Serenus 22" Medical Monitor option
- Instrument purging built in and standard
- SingLED Operating light Standard inclusion
- Minetto LED 40,000rpm electric slow speed motor standard



# Dental Chairs

## Compact i Touch Series

**PLANMECA**

Planmeca Compact™ i design solutions support an ergonomic and smooth workflow. Extremely simple and intuitive, it makes your everyday work easy, pleasant and efficient – without compromise.

With more than 40,000 satisfied users around the world, it's ideal for the varied needs of modern dental professionals. The leading compact design and versatility of this platform is notable. Whether it's balanced or hanging tube, over the patient, under the patient side delivery or cart the Compact i Touch provides a high quality and space efficient unit from which to build your practice.

The quality instrumentation, that is customisable, is underpinned by the innovative Smart GUI control. This innovative Graphic User Interface is easy and efficient and guides the user in the unit functions, whether that's treatment, maintenance or help screens it ensures the unit is ready for you when you need it and productive to use.

Planmeca iTouch platform will provide you a robust, extremely comfortable dental treatment unit to compliment both your practice and your patients with this leading edge dental unit.

### Features:

- All metal covers for extreme durability
- Nurses control panel as standard
- Panasonic Camera option on doctor or nurse side option
- High Quality Serenus 22" Medical Monitor option
- Instrument purging built in and standard
- SingLED Operating light Standard inclusion
- Minetto LED 40,000rpm electric slow speed motor standard
- CAD/CAM integration with Planmeca PlanScan optional
- Integrated suction line cleaning integration optional.



The Compact i family of dental treatment units is available in over the patient hanging and balanced arm, side delivery and cart.



# Dental Chairs

## Clinic Management Solutions

**PLANMECA**

Planmecca's Romexis Clinic Management Software provides an integrated solution to your Planmecca dental equipment management strategy.

### Clinic Management with Smart GUI App can be used to:

- Monitor the function and service health of your dental equipment
- Call for help or attention when a fault is detected
- Offer recording and monitoring of equipment for validation purposes
- Provide integrated manuals displayed on the surgery or chairs screen to aid staff on correct maintenance and care of equipment
- Provide a convenient path for keeping software up to date
- Provide a convenient path to program and update chair settings to best accommodate the clinicians needs

Planmecca are focused on developing their platform. The Planmecca GUI interface allows for new functionality to be programmed in and not limited to hard buttons.

Please ask to explore Planmecca's Clinic Management functions with your Equipment Consultant as to how this can assist you and your team's productivity in matters of dental equipment operation and maintenance within the practice.



Monitor and update your equipment's software, check frequency of maintenance and setup your equipment's functions.



Smart GUI interface, changing the way you can interact with your PC from the dental unit. Illustrated track pad function at the dental chair.



On screen manuals to aid staff in daily tasks ensuring correct use and maintenance to protect and get the best from your Planmecca equipment.

# Imaging & X-Ray

## Phosphor Plate Systems

### EXPRESS

KAVO ■ Kerr



EXPRESS is a digital imaging plate system for intraoral radiography. The unit is very versatile and lends itself to all types of dental practices and intraoral imaging needs. The fluent film-like workflow helps to produce superb, consistent clinical results fast and with ease. Even better, EXPRESS can be shared with multiple users over a network and is a safe investment for long-lasting performance.

The unit is already supplied with intraoral imaging plates from sizes 0-3, and occlusal 4C is also available.

#### Features:

- Fast image readout time
- Image preview available on unit control panel
- iDot tracking imaging plates
- Small footprint
- Solid metal construction for long life of unit

### EXPRESS Origo

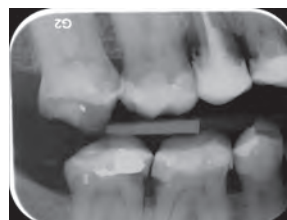
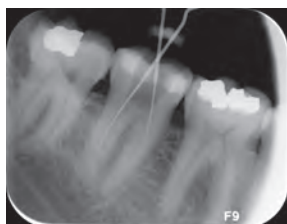
KAVO ■ Kerr



EXPRESS Origo imaging plate system is designed for every dental office that demands a top quality digital intraoral imaging solution for their everyday tasks. This is the ideal solution for general dentistry.

#### Features:

- Produces fast superb clinical images
- Multiple image plate sizes available
- Chair side or shared use
- Even unit repairs are easy when they become necessary
- Consistent images time after time
- Clini View Software
- Twain Driver Available



## Instrumentarium Plates and Accessories

KAVO ■ Kerr

#### IDOT Plates Pack of 6

PA1-900214-IMG Size 0  
PA1-900215-IMG Size 1  
PA1-900216-IMG Size 2  
PA1-900217-IMG Size 3

#### STANDARD Plates Pack of 6

PA1-900209 Size 0  
PA1-900210 Size 1  
PA1-900211 Size 2  
PA1-900212 Size 3

#### Hygiene Bags Pack of 200

PA1-900191 Size 0  
PA1-900192 Size 1  
PA1-900193 Size 2  
PA1-900194 Size 3

#### Protective Covers Pack of 200

PA1-900235 Size 0  
PA1-900236 Size 1  
PA1-900237 Size 2  
PA1-900238 Size 3



# Imaging & X-Ray

See More, Show More with ScanX Digital Radiography



## ScanX Classic



ScanX Classic Digital Radiography System is capable of reading intraoral and extraoral images. This do-everything four track system can read images simultaneously from 4 PSPs in seconds. ScanX Classic accepts intraoral PSP sizes 0, 1, 2, 3 and 4 and extraoral Pan, Ceph, and TMJ PSPs. With ScanX PSPs, you never miss important structures due to their larger, 100% active diagnostic area. This means increased diagnostic capabilities along with greater patient comfort thanks to the wireless, wafer-thin PSPs.

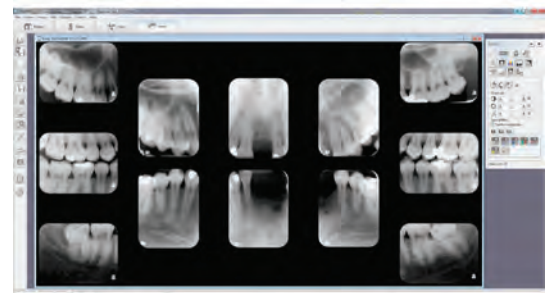
## ScanX Duo



ScanX Duo Digital Radiography System delivers chairside, crystal clear images in seconds. This small and efficient two track system is capable of reading images simultaneously from 2 PSPs. ScanX Duo accepts intraoral PSP sizes 0, 1, 2, 3 and 4 for patients of all ages and anatomies. With ScanX PSPs, you never miss important structures due to their larger, 100% active diagnostic area. This means increased diagnostic capabilities along with greater patient comfort thanks to the wireless, wafer-thin PSPs.

### Features:

- ScanX delivers crisp, sharp images in up to 18 lp/mm true resolution, meeting the needs of all diagnostic requirements.
- Capture all areas of your patient's anatomy thanks to ScanX PSPs that have a 100% active surface area. This means you capture up to nearly 40% more anatomy than with the comparable sized wired sensor.
- Once a PSP has been inserted into ScanX, the sharp, crisp image appears on your screen in seconds.
- Your digital images are ready to be reviewed, shared, archived or emailed.
- Solid metal construction for long life of unit



## ScanX Plates and Accessories



### Phosphor Storage Plates

AT-73445	PSP Size 0 (Qty 2)
AT-73445	PSP Size 1 (Qty 2)
AT-73445	PSP Size 2 (Qty 4)
AT-73445	PSP Size 3 (Qty 2)
AT-73445	PSP Size 4 (Qty 1)
AT-73578	PSP 15cm x 30cm (Qty 1)
AT-73578-7M	PSP 18cm x 24cm

### PSP Cleaning Wipes

AT-B8910	(Box 50)
AT-D1020	(Box 50)

### Barrier Envelopes for Phosphor Plates

AT-73248	Barrier Envelopes - Size 0 (Qty 100)
AT-73248	Barrier Envelopes - Size 1 (Qty 100)
AT-73248	Barrier Envelopes - Size 2 (Qty 300)
AT-73248	Barrier Envelopes - Size 3 (Qty 100)
AT-73248	Barrier Envelopes - Size 4 (Qty 50)

### Plate Guides

AT-735660	Plate Guide - Size 0 (Qty 1)
AT-735661	Plate Guide - Size 1 (Qty 1)
AT-735662	Plate Guide - Size 2 (Qty 1)
AT-735663	Plate Guide - Size 3 (Qty 1)
AT-735664	Plate Guide - Size 4 (Qty 1)



# Imaging & X-Ray

## VistaScan Mini View



X-Ray without compromise.



The VistaScan Mini View image plate scanner processes all intraoral formats with the highest image quality. Thanks to its compact design it is ideal for chairside use. A sophisticated operating concept makes handling particularly simple. The VistaScan Mini View is easily integrated to surgery PCs via USB or network. Further details found at [www.duerr.de](http://www.duerr.de).

## VistaScan Combi Plus



The digital all-rounder.

The VistaScan Combi View image plate scanner enables the intuitive, efficient and time-saving digitisation of image plates for both intraoral and extraoral formats. Amongst other things, its large touchscreen and easy-to-use user interface contribute to this. Thanks to the integrated wireless LAN functionality the device is exceptionally flexible.



## VistaScan Perio



The intraoral high power scanner for high through-put.



VistaScan Perio Plus Image plate scanner with PCS-technology and integrated erasure function for all intraoral formats including Occlusal (Size 4). USB and Net with integrated display for patient information.

## Durr Dental Plates & Accessories



### Plates

- DU-213004050 Size 0- 2 x 3 (22 x 35 mm - 2 Plates)
- DU-213004150 Size 1- 2 x 4 (24 x 40 mm - 2 Plates)
- DU-213004250 Size 2- 3 x 4 (31 x 41 mm - 4 Plates)
- DU-213004350 Size 3- 2.7 x 5.4 (2 Plates)
- DU-213004450 Size 4- 5.7 x 7.6 (1 Plate)
- DU-213099302 Image Plate - 15 x 30 (1 Plate)
- DU-213099303 Image Plate - 18 x 24 (1 Plate)

### Light Protection Covers

- DU-213008000 Size 0 Pkt 100
- DU-213008100 Size 1 Pkt 100
- DU-213008200 Size 2 Pkt 300
- DU-213008255 Size 2 Pkt 1000
- DU-213008300 Size 3 Pkt 100
- DU-213008400 Size 4 Pkt 100

## Intraoral Camera

### Panasonic Camera

**PLANMECA**



Excellent optical quality with fast and convenient use, the Panasonic camera is an autofocus USB camera that features on Planmeca's dental units. Available as a stand-alone premium bench top version with a complimentary version of Planmeca's leading Romexis® 2D imaging software.

#### Features:

- Autofocus
- Sharp images
- Convenient use
- Romexis Database storage software included

## Sensors

### HD Direct Digital Sensor

**PLANMECA**

An intraoral sensor that uniquely combines patient-centric design with usability and durability.

With its three sensor sizes (0, 1 and 2) the Planmeca ProSensor makes no compromises when it comes to usability. The magnetic connector between the sensor and the control box ensures the sensor is always correctly inserted and connected with only one hand. Moreover, if the patient moves drastically the magnetic couple is instantly released.

The sensor cable is strengthened with Kevlar and only has two wires – its extreme durability has been proven in comprehensive testing, and the sensor head hermetically sealed can be immersed in disinfectant for infection prevention.

With terrific resolution, choice of USB or Ethernet connection, comfortable rounded sensor shapes and intelligent LED indicators, the ProSensor is an easy choice for your practice and integrates seamlessly with the expandable series of Romexis x-ray diagnostic and restorative software modalities (TWAIN for connection to other programs available).

#### Features:

- Outstanding image quality for sharp, low noise and high resolution images
- Can be integrated with Planmeca ProX X-ray
- Work productively with Planmeca Romexis Software
- Magnetic connector for ease of use
- Fully compatible with Windows and Mac OS



## Snap Shot Sensors

The Instrumentarium SNAPSHOT sensor is a truly portable direct digital intraoral sensor which gives you best ever clinical results in dental radiography. SNAPSHOT is suitable for all types of dental practices and intraoral imaging requirements.

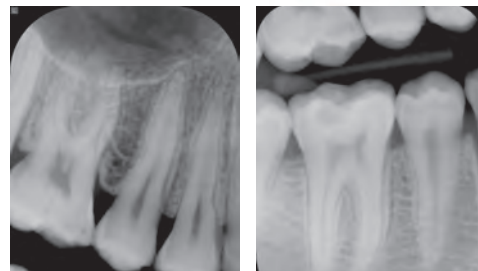
The new smooth shape with four rounded corners and thin sensor housing provides better patient comfort. And a more comfortable patient experience results in better clinical images and less retakes.

The white visual aids on the sensor surface assist in patient positioning within the oral cavity. A "thumb-mark" on the image helps to determine the correct orientation even when it might not be clear from anatomy visible in the image.

### Features:

- Better patient comfort
- Just plug and play
- Very portable with a small footprint

KAVO  Kerr



## Intraoral X-Ray

### FOCUS

FOCUS x-ray with anti-drift mechanism is a premium quality highfrequency intraoral DC unit. It positions smoothly with just one hand, and the movement stops when you want it to stop.

### Features:

- Excellent build quality
- Anti-drift mechanism
- Long reach arm
- Accurate and reliable exposures
- User interface easy to use and control
- All the imaging programs you need
- Dose monitoring

KAVO  Kerr





## ProX Intraoral X-Ray Unit

**PLANMECA**

An advanced intraoral X-ray unit that provides easy and precise positioning with a straightforward imaging process and top quality images in high resolution.

The ProX adapts to both short and long cone imaging techniques and for additional radiation control can be optionally fitted with a range of rectangular collimators.

The steady x-ray arm provides accurate and drift free positioning and can be mounted in a variety of modalities including; wall, Planmeca unit mounted, mobile and single fixed post to accommodate a wide range of clinical design needs.

Exposure control is via a simple hand-timer that supports select a tooth and expose as well as enabling the operator to delve deeper and select and program individual kV and mA settings or program sets for film, PSP or direct digital sensor.

When selecting Planmeca ProX with Planmeca ProSensor HD the Planmeca sensor integrates with the x-ray arm for an ergonomic and practical solution. Image Planmeca ProX with ProSensor.

### Features:

- Optimal images for all diagnostic needs; variable kV and mA
- Quick and easy to use; preprogramed quick settings
- Digital ready
- Integration with ProSensor
- Smooth workflows with Romexis
- Versatile installation options



# Imaging & X-Ray

## OPG

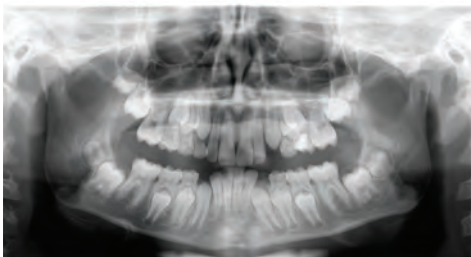
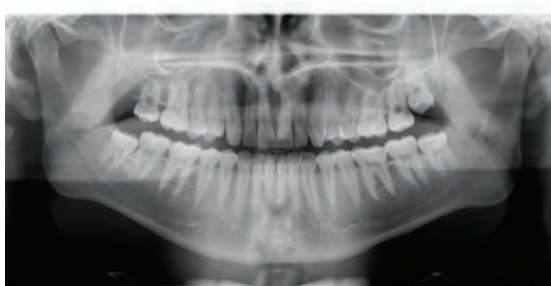
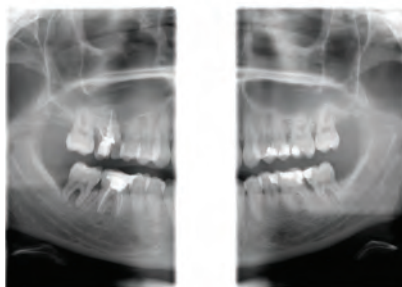
### OP30

KAVO  Kerr

ORTHOPANTOMOGRAPH OP30 is a digital panoramic x-ray unit designed for every dental surgery demanding a top quality digital panoramic system at a competitive price.

#### Features:

- Fantastic image quality
- Stable patient support and three positioning lights
- Pan, paediatric, TMJ & Bitewing imaging programs
- All the imaging programs you need
- All original ORTHOPANTOMOGRAPH image quality
- All essential features included as standard
- V-shaped beam



### OP200D/OC200D

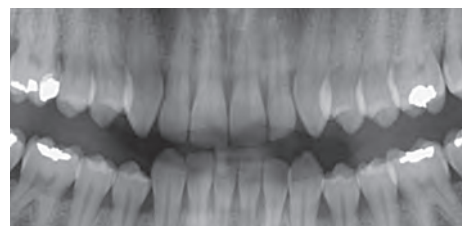
KAVO  Kerr



Instrumentarium's OP200D/OC200D give you easy access to an advanced panoramic imaging system, built by the original ORTHOPANTOMOGRAPH company.

#### Features:

- Accurate and stable patient positioning
- Rigid 5-point positioning system including forehead support
- V-shaped imaging beam for clinically proven imaging geometry
- Partial programs available to reduce patient x-ray dose
- OP200 has a patented method for dose controlled Automatic Exposure Control
- Fully adjustable scanning feature
- Can be optioned up for cephalometric imaging



# Imaging & X-Ray

## OP300 2D

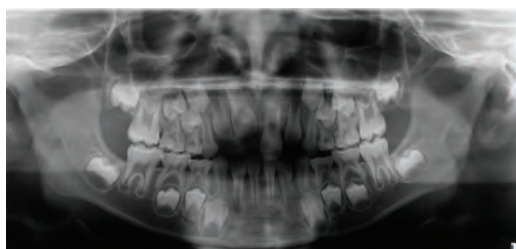
KAVO ■ Kerr



ORTHOPANTOMOGRAPH OP300 is the most comprehensive 3-in-1 platform designed for today and tomorrow. OP300 combines an advanced panoramic imaging system with either cephalometric or cone beam 3D or a combination of both, giving you a truly adaptable platform.

### Features:

- For advanced 2D imaging needs now, and upgrade to 3D later
- Multilayer Pan provides five images with only one scan
- Accurate and stable patient positioning
- Easy to use control interface
- Automatic Dose Control (ADC) offers increased workflow efficiency and consistent gold standard image quality
- The latest in CMOS sensor technology
- OP300 Panoramic grows with your practice, both CBCT and cephalometric modalities are offered as upgradeable options



## ProMax 2D Digital Panoramic X-Ray

PLANMECA



Image illustrates ProMax SCARA 2 with Ceph Unit.

World renowned for their image clarity, ease of use and development of new modalities the Planmeca ProMax will have all the imaging programs your practice needs.

Robotic positioning arms providing a unique solution to programmed diagnostic views that can grow with your practice as modalities are released.

The highly advanced and exclusive robotic SCARA (Selectively Compliant Articulated Robot Arm) technology – enables flexible, precise and complex movements required for rotational maxillofacial imaging. These precise free-flowing arm movements allow for a wider variety of imaging programs not possible with other X-ray units with fixed rotations. Simply stated the SCARA offers superior imaging capabilities for both existing and future technologies. If upgrading to 3D is potentially on your horizon the SCARA 3 provides the shortest route upgrade to cone beam imaging.

### Features:

- Position patients effortlessly thanks to open face architecture
- Correct patient position either with autofocus or manually
- Work with an unrestricted view of your patient
- Accommodates wheelchairs easily with side access entry
- Clear and straight forward graphical user interface
- Laser assisted patient positioning

## ProOne **PLANMECA** 2D Digital Panoramic X-Ray



Full-featured panoramic X-ray unit, designed with simplicity in mind. Featuring cutting-edge innovations, Planmeca ProOne combines extensive diagnostic capabilities and superior image quality into a compact, easy-to-use package.

This award winning Panoramic machine boasts Planmeca's renowned compact design and innovative features. A logically presented colour graphic user display to guide use and autofocus for a perfect panoramic image every time. The Planmeca ProOne also supports easy patient positioning both seated and standing with alignment made easy with laser beams.

With the variety of imaging programs and exposure formats to minimise patient dose, the ProOne is a well rounded and sensible choice to meet the needs of the general dentistry practice.

### Features:

- Easy patient positioning
- Work with an unrestricted view of your patient
- The clear graphical user interface provides guidance
- Laser assisted patient positioning
- Autofocus feature for perfect panoramic exposures every time

## Cone Beam

### OP300 3D + Maxio

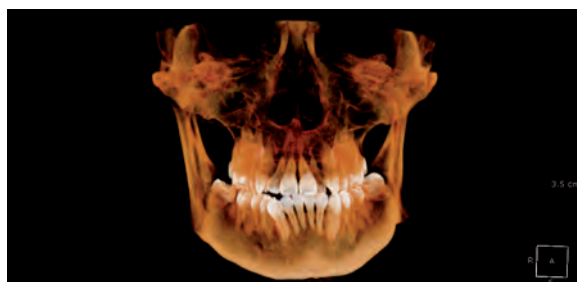
**KAVO**  **Kerr**

ORTHOPANTOMOGRAPH® OP300 Maxio – Confident diagnostics for the entire maxillofacial region.

OP300 Maxio utilises familiar, stable and open patient positioning as well as two-dimensional SMARTVIEW™ scout images and motorised chinrest for precise FOV positioning. Imaging values are optimised for each imaging program and the resolution can be selected according to the indication.

### Features:

- Low Dose Technology (LDT)
- Automatic Dose Control (ADC) on both 2D & 3D imaging
- Precise and stable patient positioning
- Easy to use control interface
- Multilayer Pan provides five images with only one scan
- Selectable resolution (85µm – 320µm)
- Comprehensive 3 in 1 platform for maximum imaging capacity for the entire maxillofacial region
- Five fields-of views available: 5cm x 5cm, 6cm x 8cm, 8cm x 8cm, 8cm x 15cm and optional 13cm x 15cm





# Imaging & X-Ray

## i-CAT FLX

KAVO ■ Kerr



i-CAT FLX is widely regarded as the industry standard in cone beam technology, and allows you to choose a balance between image quality and dose control.

### Features:

- High resolution volumetric images, with flexible scanning options to control radiation dose
- QuickScan+ provides lower dose scan options
- Easy to use touch-screen interface
- Clinically driven image and exposure control
- Comprehensive treatment planning software included
- Fields of View Available: (D x H) 8 x 8cm, 16 x 4cm, 16 x 6cm, 16 x 8cm, 16 x 10cm, 16 x 11cm, 16 x 13cm and 17 x 23cm



## Verviewepocs X800

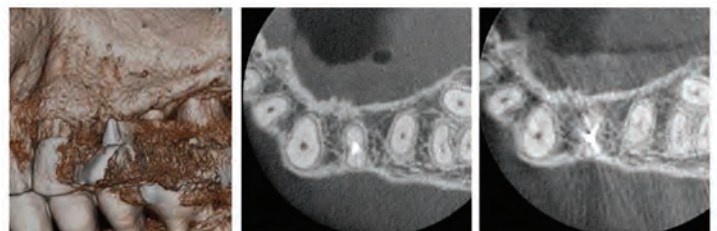
Revolutionary design and image quality.



Introducing our newest X-ray generation of the Verview series: the new Verview X800. The winner of the iF Design Gold Award is characterised by an inspirational design as well as outstanding image quality. Accordingly, the 2D/3D X-ray unit Verview X800 provides superior diagnostics for dentists and safety for patients. The incredible attention to detail, groundbreaking resolution of more than 2.5 LP/mm MTF and a voxel size of 80 µm are reflected not only in the image quality but also in the range of features. The revolutionary integrated zoom reconstruction enables reconstruction of larger scans with an 80 µm voxel size.

### Features:

- Extra-sharp images
- Minimal artifacts
- Eleven fields of view
- Sharp panoramic images
- Face-to-face design
- Reduced doses
- Partial cephalometric images
- Network integration



## ProMax, 3D Digital Panoramic X-Ray

Planmeca ProMax<sup>®</sup> 3D is a product family consisting of exceptional all-in-one units. With three different types of three-dimensional imaging - as well as panoramic, extraoral bitewing and cephalometric imaging, these intelligent products can meet all your maxillofacial imaging needs.

Planmeca is the first company to combine three different types of 3D data with one X-ray unit. The Planmeca ProMax<sup>®</sup> 3D family brings together a Cone Beam Computed Tomography (CBCT) image, 3D face photo and 3D model scan into one 3D image - using the same advanced software. This 3D combination creates a virtual patient in 3D, helping you with all your clinical needs.

Planmeca ProMax<sup>®</sup> 3D units offer a unique Planmeca Ultra Low Dose<sup>™</sup> imaging protocol, enabling CBCT imaging with an even lower patient radiation dose than standard 2D panoramic imaging.

### Features:

#### Advanced technology:

- Ideal resolutions and patient dose levels that always comply with the ALARA (As Low As Reasonably Achievable) principle
- Optimal volume size and location for every clinical need
- Special imaging protocols for dental and ENT applications

#### Effortless use:

- Effortless patient positioning and unmatched comfort
- True all-in-one X-ray units not only for 3D imaging, but 2D panoramic and cephalometric imaging as well
- Easy to use for a smooth workflow
- Planmeca Romexis<sup>®</sup> software
- Mac OS and Windows support

**PLANMECA**

### Planmeca ProMax<sup>®</sup> 3D family



# Imaging & X-Ray

## Imaging Software

### Romexis

Planmeca Romexis is a modern software platform which offers functionalities for all dental imaging needs, special modules for dental education and unique concept for clinic management and maintenance.

#### 2D imaging

Planmeca Romexis is the software of choice for capturing, viewing and processing 2D images acquired with Planmeca's digital devices. All patient images – intraoral and extraoral X-ray images, scans, and photographs – are displayed in a single interface.

#### 3D imaging

The software is also fully featured for 3D image acquisition, viewing and processing.

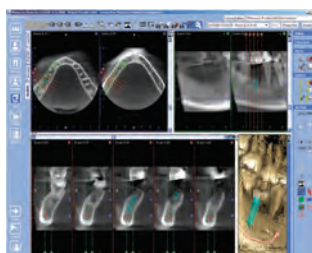
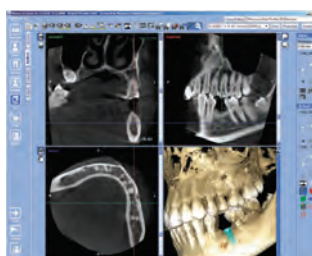
#### Clinic Management

With Clinic Management, dental clinics can have an unparalleled understanding and control of operations over selected Planmeca Compact series dental units.

- It monitors and records full log of dental unit usage and operation for later analysis.
- It also gathers usage information of every instrument setting and use, chair positions, and help events, among others.
- The collected dental unit information is categorised and displayed in various views and reports.

**NOW Compatible with Mac operating system - transfer images to your iPad and iPhone.**

**PLANMECA**



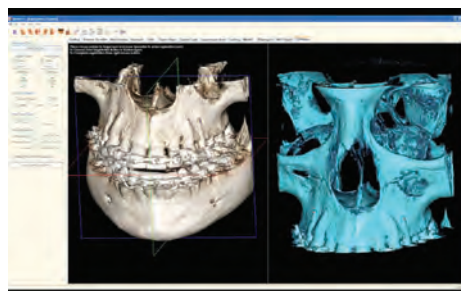
#### Features:

- 3D images captured with Planmeca ProMax family X-ray units can be freely navigated and re-sliced in real-time.
- The user can measure along any plane in 3D space and recall measurements quickly for viewing.
- 3D-rendered view of images gives an immediate overview.
- More detailed presentation is available using panoramic projections, cross sectional and axial slices, plus traceable nerve canals.
- The Planmeca Romexis Implant Planning module offers library of implants.

### Anatomage Invivo 5

Invivo 5.4 and Invivo 5 for Mac are powerful, yet effortless 3D imaging applications specialised in dental applications such as implantology, orthodontics, oral surgery, and restorative. Both versions offer fast and high quality rendering and visualisation on Cone Beam 3D scans, and clinical tools to define accurate treatment plans.

Cone Beam 3D scans acquired with your Gendex 3D imaging system provide rich clinical information to assist you in the treatment planning process. The feature-rich Invivo 5 software enhances the data and gives you full control to design crowns, abutments and implants right from your Cone Beam 3D scan for fast, accurate treatment planning and predictable results.



**GENDEX**  
Imaging Excellence Since 1893



# Planmeca Romexis® One software – all solutions



Dental units, imaging and CAD/CAM  
in one software – an industry first

Planmeca offers a revolutionary all-in-one software solution for clinics of all sizes. Our industry-leading Planmeca Romexis® platform brings together all digital devices at your dental clinic. This ensures unforeseen time and cost efficiency, allowing full concentration on patient treatment.

 HENRY SCHEIN®  
[www.henryschein.co.nz](http://www.henryschein.co.nz)

**Rely on Us™**

**PLANMECA**

[www.planmeca.com](http://www.planmeca.com)

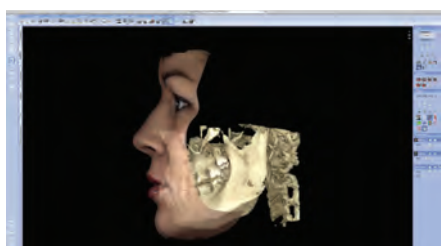




# Imaging & X-Ray

## ProMax 3D ProFace

## PLANMECA



The 3D face photo is the result of a totally radiation-free process and can be taken many times.

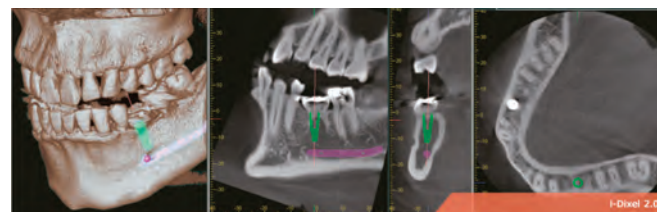
Two lasers scan the facial geometry, as two digital cameras, aided by two LED lights illuminating the area, capture the colour texture of the face.

The Planmeca Romexis software then combines the information into a 3D photo which can be analysed as a separate image or as part of a CBVT volume.

### Features:

- The 3D photo reproduces accurately the dimensions of the face and provides a realistic colour texture.
- The 3D face photo visualises soft tissue in relation to dentine, making it a safe and time-saving follow-up tool for orthodontic, surgical and aesthetic operations.
- As the unit acquires both CBVT image and 3D photo in one scan, the patient positioning, facial expression, and muscle position are the same and thus compatible between the images.
- 3D photo is a useful tool in operation pre-planning.

## i-Dixel



i-Dixel is Morita's comprehensive image processing and management software that handles digital panorama, cephalometric, dental and penscope intraoral images. It can be installed on a computer network and further upgraded to handle three-dimensional images made with the Veraviewepocs 3D.

A wide range of image processing functions produce multiple observation possibilities to easily bring out the rich information contained in digital X-ray images. Images are automatically adjusted for density to gain the optimum contrast and brightness. Controls also exist to fine tune the images even further to obtain the best possible view.

Various imaging filters and gamma corrections can be applied to highlight greater diagnostic information. By linking this software with the intra clinic network, digital panorama, cephalometric, dental and penscope intraoral images can be managed efficiently and comprehensively. It can also be linked to the billing computer to provide patients with relevant information. i-Dixel also includes zoom, angle and length measurement, edge highlighting, black and white reverse, rotation, mirror image, density measurement, embossing, sharpness, text annotation, and import / export.

Upgrading for three-dimensional image processing makes it possible to view images made with the Veraviewepocs 3D conebeam CT units transforming it into a truly comprehensive image processing suite.

# Imaging & X-Ray

## CLINIVIEW



Instrumentarium CLINIVIEW is an easy-to-use dental imaging software with powerful functions for digital image capturing, viewing, printing and storage, and includes a wide range of dental specific image enhancement tools.

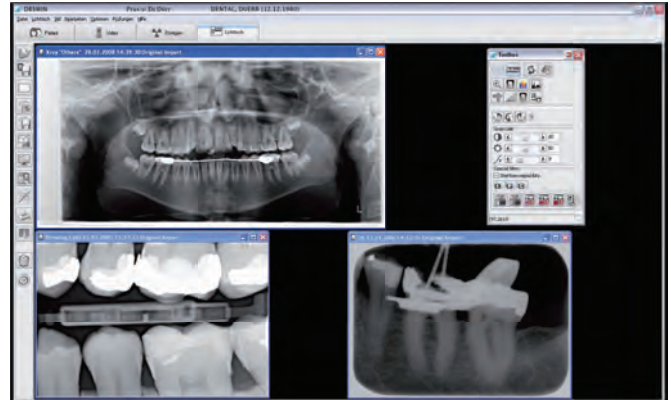
Instrumentarium CLINIVIEW software supports image capturing from all Instrumentarium products. And in addition, images can be imported or scanned from a wide range of other digital sources. CLINIVIEW software's advanced pre-processing algorithms optimise greyscale images automatically and ensure excellent image quality for each modality without time consuming manual adjustments. Based on your preferences, the pre-processing algorithms can be individually tailored for each type of image giving you greater control.

Once acquired, images can be viewed or sent wherever needed, including another workstation, an image archive or PACS (optimal DICOM version), printed or very simply exported in common image formats for use in third party software. CLINIVIEW can be integrated with other software applications like 3D visualisation and planning software, practice management systems and cephalometric analysis software.

Supported image file formats: png (16 bit), bmp, jpeg, and tiff.



## DBSWIN



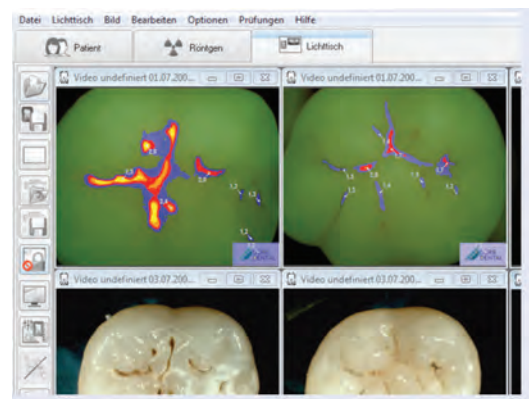
The DBSWIN imaging software ensures the optimal display and processing of the X-ray.

It enables ergonomic operations and easy documentation including database connection. A patented filter accompanies the zoom function.

Most Durr products can be operated with DBSWIN or third party software using plug-in or Twain drivers. Apple i-Pad integration is available. Apple computer integration also available.

### Features:

- 16-bit data with 65,536 grey-scale values for outstanding image quality
- Caries and plaque diagnostics with VistaCam iX
- Diagnostics supporting filter functions
- Twain connection for OPGs
- USB 3.0 support of all current devices
- Creation of video clips
- Status check assistant for VistaScan and VistaRay
- SQL database, more performance and data security
- Extensive import and export functions for exchanging data with colleagues, experts and clinics



# Infection Prevention

## Detergents & Disinfectants - Suction

### Orotol Plus



Aldehyde and foam-free super concentrate for the simultaneous disinfection, deodorisation, cleaning and care of all dental suction systems and amalgam separators. Toxicologically safe, biodegradable.

#### Features:

- Just 2% application concentration
- 2,5 litres concentrate produce 125 litres of working solution
- High cleaning power
- DGHM list
- Range of action: bactericide, tuberculocide, fungicide, anti-viral (covered viruses, adenoviruses HBV, HCV, HIV)
- Modern combination of active ingredients: QAC
- CE 0124



### MD-555



MD-555 is a non-foaming acid special cleaner for dental suction systems including drainage lines. Use of MD-555 is recommended for regions with problematic tap water (e.g. high water hardness, antisoluble salts, etc.) and for drainage lines with insufficient gradient.

Moreover, it is recommended if special tooth cleaning devices, e.g. air polishing units, are used. Regular use of MD-555 prevents formation of deposits and blockages, and dissolves existing deposits. With its special active and auxiliary ingredients, MD-555 is particularly suitable for systems with amalgam separators. Furthermore, MD-555 can be used universally wherever deposits from hard water must be removed from surfaces (e.g. floor and wall tiles, basins).



### Purevac



Purevac evacuation cleaner dissolves away the toughest debris to provide optimal suction.

#### Features:

- Dissolves impression material, bone fragments, organic tissue, rope-like saliva, odour causing bacteria and calcium deposits that can build up in the evacuation pump
- Lemon fresh scent
- Concentrated formula 1oz (30ml) makes 1 quart (1L) of Solution

### Puli-Jet Gentle



Effective disinfection for your suction system. Daily disinfection of the suction system is vital to keep suction lines clean and maintain suction equipment and pump. Puli-jet Gentle strength as a disinfectant means that it kills bacteria, helping to maintain a safe work environment.



# Infection Prevention

## Cleaning & Sanitation of Aspiration Lines



### **CliniJet-DS (Daily)**

CliniJet-DS should be used each day as part of the routine maintenance and sanitation of aspiration lines and to assist the removal of bioburden.

*Passes the TGA Disinfectant Test Option B.*

5L Container and 15L Container



### **CliniJet-WS (Weekly)**

CliniJet-WS should be used once or twice per week as part of the routine maintenance and sanitation of aspiration lines and to assist the removal of bioburden.

*Highly effective sanitiser and de-scaler helps remove soils that are resistant to other detergents.*

1L Container

## Cleaning & Disinfecting Equipment & Surfaces



### **Plastex**

#### **The Sensitive Solution**

Plastex is a clinical detergent specially formulated for cleaning even the most sensitive plastics.

500ml, 6/ctn - includes 2 Dispensers

5L Container

500ml Office Dispenser (Empty)



## Detergents & Disinfectants - Waterline (DUWL)

### **Dentapure**



Dentapure treats dental unit waterlines by reducing harmful bacteria exposure to patients and staff.

#### **Features:**

- Dentapure eliminates the need to mix tablets or chemicals, requires no daily, weekly or monthly protocols. Change every 365 days\*.
- It does not contain silver or other hazardous chemicals.
- The elemental iodine in Dentapure does not contain allergenic proteins.
- Dentapure makes compliance with infection prevention guidelines simple but effective.



\*For treatment units where a high volume of water is being used an earlier change maybe necessary. Iodine test strips are available for testing closer to the working life of the product.



# Infection Prevention

## Detergents & Disinfectants - Surface

### Mikrozin® Alcohol-Free Cleaning & Disinfecting Wipes & Liquid

schülke →



#### Features:

- Broad spectrum of efficacy including bacteria, fungi and viruses (including HBV, HCV and HIV)
- Ideal for all surfaces especially dental chairs and alcohol sensitive surfaces
- Alcohol free, surfactant based product with a 1 minute contact time
- Ready to use solution
- Dries quickly, ideal for use between patients

### Neutral Detergent Wipes

HENRY SCHEIN®  
CORPORATE BRAND



Cleans soil and contaminant from surfaces prior to disinfection.

#### Features:

- pH neutral, non-ionic
- Low foaming surfactant

### Optim Blue

SciCan

OPTIM BLUE is a balanced, one step cleaner AND disinfectant that surpasses the performance of most competitor's wipes.

#### Features:

- Superior cleaning efficacy provides confidence that disinfection will occur
- Strong disinfection capabilities against difficult to kill non enveloped viruses: Norovirus, Parvovirus, Poliovirus - not all disinfectants kill them!
- Does not contain harsh chemicals that require health and safety warnings
- Environmentally sustainable and responsible - the active ingredient breaks down into water and oxygen!
- Unique, durable wipe material that stays wet longer and distributes the disinfectant effectively!



ACCELERATED®  
HYDROGEN PEROXIDE  
Patented



# Mocom B FUTURA

## Now you can see the difference!



### Features

- LED light bar for superior ergonomics
- Intuitive and exceptionally easy to use colour touch screen
- Fully compliant Paperless Traceability option

And it's a Mocom....  
so you know it's hardworking and reliable



# Infection Prevention

## Instrument Sterilisation

### Statim G4 Autoclave

SciCan

#### Experience the Statim G4 Difference

Gentleness you know but now with interactivity you've never seen before!

#### Features:

- Protect - option of pin-protected load release safety and traceability
- Collect - integrated USB datalogger, cycle history never lost again
- Fast - unmatched in cycle speed for fast instrument turnaround meaning less instrument inventory



### B Futura Steriliser Vacuum Chamber Autoclave



Mocom's finest performance!



B Futura is an intelligent steriliser, destined to be an indispensable work tool. Only years of research and experience can produce such an exceptional result. A high performance and user-friendly product.

The new B Futura steriliser offers even faster performance, has an easy to use interface and enables full traceability of each sterilisation cycle. There are two chamber sizes available, 17 and 22 litres. All sizes have the same overall machine dimensions and feature a colour touch-screen LCD display.

### B Classic Steriliser Vacuum Chamber Autoclave



An assured success!



The B Classic was designed to make work easier by optimising time and costs. Exceptional quality and practicality ensure exceptional safety and reliability.

Easy to use, the B Classic provides full traceability of every single sterilisation cycle. There are two chamber sizes available, 17 and 22 litres. All sizes have the same overall machine dimensions and feature a monochromatic LCD display and keypad.

# Infection Prevention

## HYDRIM C61w G4 Instrument Washer

SciCan

A new wave in instrument washing and disinfection!

### Features:

- Countertop or under the counter, steri-center installation.
- G4 web portal includes data storage, service logs and remote access capabilities
- Validated cycles to ensure repeatable washing performance
- Improved serviceability, reliability and minimal maintenance requirements
- Vivid colour touch screen
- Robust stainless steel exterior
- USB port for data storage
- Active hot air drying



## Tethys H10 Hybrid Disinfection Device

mocom  
STERILISATION FIRST

The evolution of disinfection!

The Tethys H10 Hybrid Disinfection Device expands the traditional role of the thermal washer disinfecter, adding ultrasonic cleaning as an initial step and delivering instruments dry and ready for packaging and sterilisation at the end of a 35-minute cycle.

### Features:

- Fast 35 minute cycle
- Thermal disinfection, ultrasound and drying in one device
- User-friendly colour touch screen operation
- Internal memory as well as USB and Ethernet connectivity for paperless record keeping





# Infection Prevention

## Cycle Monitoring

### Multi Parameter Indicators - Class 4, 5, 6.

For machines without recording capabilities.

### Comply™ SteriGage®

Class 5 Steam Chemical Integrators

- Use for pack control monitoring of all 118-138°C (245-280°F) steam sterilisation cycles.



3M

### Comply™

Class 4 Steam Indicator Strips

- For use in determining whether the sterilisation process conditions were met inside each pack.
- Can be used in all 121-134°C (250-273°F) sterilisation cycles.



3M

### Comply™ Steam-Clox Indicator

Class 6 Chemical Indicator

- Monitors multiple parameters of time, temperature and presence of saturated steam to provide better accuracy of results.



3M

### STEAMPlus™

Class 5 Integrators

- Used with steam sterilisation cycles to provide a definitive pass or fail result - allowing for the release of all non-implant loads before the results of the spore test are received.
- Moving-front technology provides an immediate readout for use in gravity, prevacuum, and flash cycles.
- Enhance sterility assurance by monitoring steriliser performance.

CROSSTEX®  
A Cardinal Medical Company



### Sterintech Emulator

Used to show the heat parameters for sterilisation have been achieved.



MAJAC  
HEALTHCARE INNOVATION

## Biological Indicators

To be used as part of the Validation process. (Only required annually if fully validated process is implemented)

### Attest™ Biological Indicators

3M

- PCD: Monitoring 250°F/121°C gravity and 270°F/132°C vacuum-assisted steam sterilisation processes.



- PCD: Use the Attest 1261 Biological Indicator to monitor 270°F (132°C) gravity displacement steam sterilisation cycles.



### Attest™ Steam Incubator

3M



- 3M Attest Incubator that provides optimal incubation conditions for the accurate readout of 3M™ Attest™ Biological Indicators.

### ConForm® 24 In-Office Biological Monitoring System

CROSSTEX®  
A Cardinal Medical Company



- Read out in just 24 hours
- Easy to use, easy to read results
- One of the most cost-effective methods of biological monitoring
- Universal BI - ConForm® 24 biological indicators can be processed in most incubators
- Built-in Ampoule Crusher

# Infection Prevention

## Performance Testing

**Air Removal and Steam Penetration Tests.** An Air Removal Test is required each morning before processing of your first load.

### Helix Test Device



Air Removal Device

- Reads on completion of the cycle to ensure that your Type B table top steriliser is performing correctly. Has the capability to provide you with effectively sterilised items in your practice.



### Bowie Dick Helix Test Set



Air Removal Device

- Conforms to ISO 11140 - 1 class 2 – EN 867 part 5 class B
- Indicator marked with red printing for identification
- Clear transition of colour to pink
- Easy to interpret - easy to document
- Non-Toxic / Lead-free.



### TST Helix Test Device

Browne

Air Removal Device

- The Browne TST Control Helix is a Hollow Load Process Challenge Device (PCD) and has been developed and validated for testing the air removal (steam penetration) capability of small Type B steam sterilisers.



### Statim Quad Helix Device\*

SciCan

Air Removal Device

- This process challenge device has been designed as a monitoring device for use within a specific cycle, HOLLOW / WRAPPED (S) 134°C 3.5 min.



\*For use only with the Statim Sterilisers.  
Device included with purchase of machine.

All performance testing devices shown above include Class 2 chemical indicators.

## Process Indicators

Visual indication that load has been processed only.

### Two Line Label Gun with Steam Indicator



The Sterintech two line label gun is reliable, easy to use and durable. The combination of a double label gun label and normal tape is a more cost-effective solution than steam tapes only.

### Comply™ Lead Free 3M Steam Indicator Tape



An exposure monitor that securely seals packs, and provides a visual assurance that the package has been exposed to the steam sterilisation process.

### IMS Autoclave Tape



How the best perform



Strong tape that can be written on and visually differentiates processed from non-processed cassettes.

# Infection Prevention

## Ultrasonic Cleaners

### BioSonic Ultrasonic Cleaning System



#### UC150\* Ultrasonic Cleaning System with Basket

**Features:**

- The BioSonic UC150 can sit directly on the countertop or be recessed
- The USB interface allows for easy downloading or capture of cleaning data
- The BioSonic UC150 offers a 6 litre stainless steel tank
- A sleek wear resistant housing that will not dent or stain

Tank Capacity 6.6 litres  
 Fill Capacity 5.7 litres  
 Overall Dimensions (l x w x h)  
 34.5 x 27.6 x 35.5 cm  
 Tank Dimensions (l x w x d)  
 28.7 x 16.0 x 17.8 cm



### BioSonic Ultrasonic Cleaning System Accessories



UC150 Accessories  
 CW-60022040 Basket  
 CW-60022041 600ml Beaker Holder  
 CW-60022042 Accessory Kit, 1 x Basket  
 2 x Beakers & Holders



#### UC50DB\* Ultrasonic Cleaning System with Basket

Tank Capacity 3.2 litres  
 Fill Capacity 2.0 litres  
 Overall Dimensions (l x w x h)  
 27.3 x 21.9 x 20.3 cm  
 Tank Dimensions (l x w x d)  
 19.7 x 14.6 x 10.5 cm



#### UC125\* Ultrasonic Cleaning System With Basket

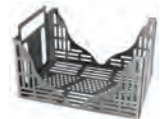
Tank Capacity 4.8 litres  
 Fill Capacity 3.8 litres  
 Overall Dimensions (l x w x h)  
 42 x 26.7 x 35 cm  
 Tank Dimensions (l x w x d)  
 28.6 x 14.3 x 12.7 cm



#### UC300\* Ultrasonic Cleaning System

Tank Capacity 14.4 litres  
 Fill Capacity 11 litres  
 Overall Dimensions (l x w x h)  
 48.2 x 30.5 x 31.1 cm  
 Tank Dimensions (l x w x d)  
 35.6 x 22.9 x 17.1 cm

W-UC325  
 Cassette Rack  
 for UC300



W-UC311 Half  
 FingerGuard Basket  
 with 2 Section  
 Inserts for UC300



W-UC310 Large  
 Basket for UC300



W-UC53  
 Beaker 600ml  
 W-UC153  
 Positioning Cover



\*2 Year Warranty

## ULTICLEAN Ultrasonic Bath

**Features:**

- State of the art 4 litre capacity ultrasonic bath with optional heat
- Wave technology gives a uniform cleaning pattern that eliminates hot spots and weak areas, giving constant power and consistent output
- Smooth, quiet operation and easy to clean housing
- Hinged automatic locking lid - prevents opening during cycle
- Easy to use built in drain facility
- Touch pad controls with 60 minute timer



BA-BATH 4L Ultrasonic Bath  
 BA-BATHBASKET Accessory Basket Kit

## Chairside Scanners

**Emerald**

**PLANMECA**



### Go Beyond The Standard....Be Brilliant

The Planmeca Emerald™ Next-Gen Intraoral Scanner is an ultra-lightweight, ergonomically designed digital scanner that quickly delivers images with superior accuracy and detail. A streamlined, compact design provides clinicians with a comfortable feel and superior control while capturing images. Deliberately designed for increased patient safety, autoclavable seamless scanner tips prevent cross-infection while encouraging continuous scanning.

By using a multi-colour laser based system, Planmeca Emerald produces images with a vibrant colour palette for realistic digital impressions that allow dentists to distinguish between hard and soft tissue. Built on an open system platform, Planmeca Emerald seamlessly integrates with other systems making collaboration with labs worry-free. With Planmeca Emerald, scanning is never complicated. So simple, it's brilliant.

### Excellent Usability and Workflow

#### Features:

- Ergonomic design - the perfect balance of size and weight
- Superior speed and accuracy
- Fully integrated colour scanning for natural colours
- Simple plug-and-play solution - scan at multiple workstations
- Autoclavable tip and seamless design for impeccable infection prevention
- Active anti-fog feature on the tip of the scanner
- USB-3 connection
- Open STL format

**TRIOS 3**

Available in  
Wireless

**3shape**



The new 3rd generation TRIOS® is a three in one digital impression solution. An intraoral scanner for fast and easy 3D colour impression taking; an integrated intraoral camera, so there's no need to purchase one separately, and shade measurement while you scan, for more accurate and predictable results. TRIOS® enables you to be more efficient, more precise and your patients more comfortable.

#### Features:

- High accuracy capture in colour
- Automatically measures the teeth shades as you scan
- HD Photos for instant case images
- Clinical scan validation
- Small footprint - can be placed where space is very limited
- Spray and powder-free for optimal accuracy and patient comfort
- Optimised Ultrafast Optical Sectioning software - now 40% faster
- Autoclavable tip with antimist heater

#### Specialist applications include:

- Orthodontics
- Implants
- Endodontics (post and core)
- Available in Pod, Cart and Chair Integration formations

**TRIOS 3 Mono**

**3shape**

**New entry-level version of the award-winning TRIOS 3**

TRIOS 3 Mono delivers the same documented-accuracy, insane speed and ease of use of all TRIOS intraoral scanners but takes digital impressions without colour.



- TRIOS Mono delivers many of the same features as the TRIOS 3 colour models including:
- TRIOS documented-accuracy, insane speed and ease of use
- The widest range of indications and delivers texture and stone model scans plus HD photos
- Doctors can offer same-day dentistry using optional 3Shape Practice Lab
- Available in Pod configuration with Pen or Handle

The TRIOS 3 Mono is upgradable to a TRIOS 3 colour model at any time. When upgrading to a TRIOS colour model, the upgrade includes RealColor™ scanning, digital shade measurement and an integrated intraoral camera.



# CAD/CAM Equipment

## Model Scanners

### E Scanners

Now any lab can be digital.



In today's digital era, a solid CAD/CAM system has become essential for even the most cost-conscious labs. With its new affordable E scanners, 3Shape makes advanced CAD/CAM accessible to labs of all sizes while raising the bar for entry-level solutions.

#### Features:

- **Best value for money**  
Get advanced scanning features and CAD design workflows at an affordable price
- **Fast scanning**  
High scan speeds let you complete more cases in less time
- **Latest technologies**  
5 MP cameras, Blue LED and multi-line scanning for optimal detail capture and accuracy
- **Auto-start for high productivity**  
No need to press a button. Starts scanning as soon as you place the model inside
- **Reliable impression scanning**  
Scan impressions directly without pouring a model, saving time and costs

### E1

3shape



Essential scanning to digitise your lab.

#### Features:

- 2 x 5 MP cameras, Blue LED Multiline
- Accuracy (ISO 12836 / implant): 10 µm/12 µm
- Scan speed (arch): 40 sec
- Scan speed (die): 25 sec
- Scan speed (full arch impression): 130 sec
- Texture: n/a

### E2

3shape



Increased productivity and texture scanning.

#### Features:

- 2 x 5 MP cameras, Blue LED Multiline
- Accuracy (ISO 12836 / implant): 10 µm/12 µm
- Scan speed (arch): 30 sec
- Scan speed (die): 20 sec
- Scan speed (full arch impression): 90 sec
- Texture: B&W

### E3

3shape



High performance and implant bar accuracy.

#### Features:

- 2 x 5 MP cameras, Blue LED Multiline
- Accuracy (ISO 12836/ implant): 7 µm/10 µm
- Scan speed (arch): 24 sec
- Scan speed (die): 18 sec
- Scan speed (full arch impression): 80 sec
- Texture: Colour

# CAD/CAM Equipment

The D2000 and D1000 multi-line scanners capture multiple scan lines in a single shot for high speed. All-in-One scanning on the D2000 enables users to capture models, all inserted dies, and occlusion information with a single scan.

## D1000



Ultra high productivity and die-in-model scanning.

### Features:

- 4 x 5 MP cameras, Blue LED Multiline
- Accuracy (ISO 12836 / implant): 5 µm/8 µm
- Scan speed (arch): 16 sec
- Scan speed (die): 15 sec
- Scan speed (full arch impression): 65 sec
- Texture: Colour
- Scanning strategy: Die in model

## D2000



All-in-one scanning for maximum volume throughput.

### Features:

- 4 x 5 MP cameras, Blue LED Multiline
- Accuracy (ISO 12836/implant): 5 µm/8 µm
- Scan speed (arch): 16 sec
- Scan speed (die): 15 sec
- Scan speed (full arch impression): 65 sec
- Texture: Colour
- Scanning strategy: All in one

## 3-Shape Model Scanner Comparison Chart

	E1 Series	E2 Series	E3 Series	D1000 Series	D2000 Series
Cameras	2 cameras 5.0 Mega Pixel	2 cameras 5.0 Mega Pixel	2 cameras 5.0 Mega Pixel	4 cameras 5.0 Mega Pixel	4 cameras 5.0 Mega Pixel
Light technology	Blue LED	Blue LED	Blue LED	Blue LED	Blue LED
Accuracy*	10 microns	10 microns	7 microns	5 microns	5 microns
Gypsum model scanning	√	√	√	√	√
Multi-die scanning	√	√	√	√	√
Texture scanning	N/A	B/W	Colour	Colour	Colour
Scan time - single die	25 Sec	20 Sec	18 Sec	15 Sec	15 Sec

\* Measured using metrology gauge block

# CAD/CAM Equipment

## Milling Units

### DWX-4

The Roland DWX-4 is the industry's most user-friendly desktop dental milling system, making it easier than ever to produce precise crowns, copings, bridges and hybrid abutments. Like its larger family member, the DWX-50, it is capable of milling a wide variety of materials, including new hybrid ceramics with precision.

Affordably priced, the DWX-4 is ideal for any lab just getting started in digital dentistry, labs who no longer wish to outsource production and labs that need a second device for urgent jobs. With the DWX-4 dental milling system, you can mill a single crown or bridge on demand, quickly and economically.

#### Features:

- Compact dental milling system
- 2-station automatic tool changer
- 4-axis simultaneous lead/worm screw driven machining
- Mills wax, zirconia, PMMA and popular new resins in standard blocks and pin-type materials
- EasyShape™ software supports milling strategies for new pin-type materials, including:
  - 3M™ ESPE™ Lava™ Ultimate Restorative\*
  - VITA ENAMIC® hybrid ceramic

Dry Milling of Blocks

### DWX-4W

DWX-4W is the latest in Roland technology that goes beyond dry milling to quickly and easily wet mill popular glass ceramic and composite resins with precision and reliability. The DWX-4W wet mill cuts precision crowns, bridges, inlays and onlays, and veneers. Simultaneous 4-axis milling and other special features provide unattended milling. Up to three standard pin-type blocks can be loaded for increased efficiency.

Wet Milling of Blocks



### DWX-51D

Designed for the effortless production of dental prosthetics, Roland DG dental mills deliver quality, efficiency and value in a compact, user-friendly device. Ideal for labs or office environments, the open architecture of the DWX series allows you to work with the latest materials, CAD/CAM software and scanners, without the need to rely on a single source.

With a host of automated features and precise 5-axis milling, the DWX-51D is the perfect solution for labs wanting to increase production or those looking to get into digital milling for the first time.

#### Features:

- Capable of 5-axis simultaneous machining to achieve complex cuts
- Precision milling of Zirconia, Wax, PMMA, Composite resin, PEEK and Gypsum
- 10-station automatic tool changer with tool length sensor
- Diagnostic notification system alerts user of machine status

Dry Milling of Discs

### DWX-52DC

**NEW!**

The DWX-52DC 5-axis dental milling machine features an Automatic Disc Changer (ADC) to streamline milling of a wide range of prosthetic materials. Automated operation allows for unattended production and milling overnight to drastically boost efficiency. Designed as the optimum solution for dental laboratories moving into the digital realm as well as labs seeking to boost production capacity, the DWX-52DC is leading the way into a new era of dental fabrication. Capable of milling Zirconia, Wax, PMMA, Composite Resin, PEEK and Gypsum.

Dry Milling of Discs



# CAD/CAM Equipment

## PlanMill® 40S

**PLANMECA**



PlanMill® 40S is the brand new unit from Planmeca designed for fast and accurate milling directly at a dental clinic. With its enhanced performance and numerous smart features, the unit offers the most advanced milling experience on the market.

Wet Milling of Blocks

## N4 Impression

**vhf**

The N4 Impression is a wet grinding machine for glass ceramics and composites which has been newly developed from scratch. Its highest precision and the quick drive units - common characteristics of all vhf machines - are combined here with a closed liquid cooling system in an extremely compact housing. So you will get first-class grinding results in the shortest time with the N4 Impression.



The cooling lubricant is fed through eight liquid nozzles which are arranged at the spindle and cools the whole tool evenly from the tip to the shank at all machining stages. The machine bed of massive aluminium cast facilitates highest stability and a low-vibration operation. Together with the flexible gaiter at the spindle it furthermore guarantees that all the liquid will remain solely in the working chamber of the machine. The removable liquid drawer under the working chamber also contains a filter mat for separating grinding particles. Ideal for the practice laboratory.

Wet Milling of Blocks

## K4 Impression



Extremely compact design combined with uncompromisingly rigid construction ensures that you will achieve first-class results – even on extremely hard non-precious alloys.

CAM 4-K4 Impression includes automatic tool changer with six stations which enables a complete machining of the workpiece – from the initial rough machining up to the ultimate finishing – without manual intervention from the operator.

Dry Milling of Discs

## K5 Impression

**vhf**



**5** Axes   **1** Blank   **16** Tools   **Dry**   **Mill**

With K5 Impression you will get a five-axis dry milling machine for an especially wide range of indications. The B axis with an extraordinarily great rotation range of up to  $\pm 35$  degrees and the fixing device for blanks with a thickness of up to 40mm make sure that you can realise nearly any object that can be dry milled. The especially stable construction of K5 guarantees excellent machining results. Numerous comfort features like an automatic tool changer and a practical accessory drawer make working with K5 quick and efficient.

Dry Milling of Discs



# CAD/CAM Equipment

## CAM 5-S1 & S2 Impression



CAM 5-S1 Impression and CAM 5-S2 Impression are dental milling machines made by vhf with five simultaneously working axes. Due to the second rotary axis (B axis) with a rotation range of up to  $\pm 30$  degrees undercuts can be milled without any difficulty.

Both machines are prepared for connecting the wet grinding module. There are liquid nozzles already mounted at the spindle so that the cooling liquid can be applied straight to the tool tip. Therefore you can process approved glass ceramic types. Besides the additional fifth axis, the S models distinguish themselves from the K models above all by their more powerful and more precise synchronous spindle and by the automatic tool changer for 16 tools. In addition to the currently required tools, you can equip the tool changer with replacement tools. Thus you can continue working without interruption if a tool is worn out.

In order to create a solid basement for the highly precise five-axis mechanics, the machine bed of the S models consists of one single massive cast part. This makes these machines extremely stable with minimal exterior dimensions. Moreover, vibrations are reduced and the mechanics are optimally protected. Capable of milling Zirlux, PMMA, Wax, glass ceramic nanocomposites and other zirconia materials.

CAM 5-S2 Impression with blank changer for eight blanks. The model CAM 5-S2 Impression is supplementary equipped with a blank changer for eight blanks. The changing station with blanks is fitted via a smaller additional front cover. The blank for your milling job is inserted into the fixing device automatically when required.

Both machines come with DentalCam software that lets you choose the material and import STL files into the open programme.

Dry Mill (with Optional Wet Milling)  
Discs (Blocks Optional)

**vhf**

## Grinding Module for CAM 5-S1 & S2 Impression VHF

**vhf**



You do not need a new machine for wet grinding – just an external module and appropriate holders for the glass ceramic blocks for the Impression S models. The wet grinding module which regulates the liquid circulation is connected with two hoses for supply and drainage with the machine. From three liquid nozzles that are already integrated into the spindle block, cooling liquid will be directly targeted to the tip of the tool. Thus efficient cooling is ensured during the whole grinding process.

The external wet grinding module has an integrated membrane pump and a refined system for air and liquid treatment. It dries the extracted air and filters the cooling liquid from grinding particles. The regularly used dry vacuum cleaner simply has to be connected to the wet grinding module instead of to the machine.

Due to the rigid construction of the Impression S models and the highly precise spindle you will achieve high-class results by using the cooling lubricant vhf Tec Liquid and the appropriate vhf grinding tools. For instance, it is possible to grind a fully anatomic crown from the materials IPSe.max® or VITABLOCS® Mark II within approximately 25 minutes.

For wet grinding vhf's range of tools includes a torus grinding tool with coarser grain size for roughing, as well as a fine-grained radius grinding tool for finishing the surface afterwards. These tools are also available as a starter set.

# CAD/CAM Equipment

## Dust Collectors

### Cyclone Dust Collector



The Ray Foster Cyclone Dust Collector is a powerful and efficient dust collector for use in the dental laboratory, designed for trouble-free performance and heavy-duty operation. Quiet, portable and compact, the dust collector is ideal for under-the-counter operation.

#### Specifications:

- Unit size 12" x 12" x 16.5" high
- 115 volt, 60 Hz standard
- 230 volt, 50/60 Hz
- 35 lbs. net weight, 42 lbs. shipping weight

### Cyclone Deluxe Dust Collector



The Deluxe Cyclone Dust Collector features a two stage, ultra-quiet, by-pass motor suitable for use with abrasive blasters, and includes a remote foot switch and mobile cart.

#### Specifications:

- Unit size 12" x 12" x 19.5" high
- 115 volt, 60 Hz standard
- 230 volt, 50/60 Hz optional for export
- 42 lbs. net weight, 50 lbs. shipping weight

## DentalPRO Universal



Stand alone **dust extraction** system for the **Roland DWX** range of CAD/CAM dental dry milling machines.

BOFA's DentalPRO Universal stand alone dust extraction system has been developed to work with the Roland DWX range of dental CAD/CAM milling machines.

The unit's high efficiency two stage filtration process allows technicians to work safe in the knowledge that dust particles are being effectively removed to maintain a clean working environment.

#### STANDARD FEATURES:

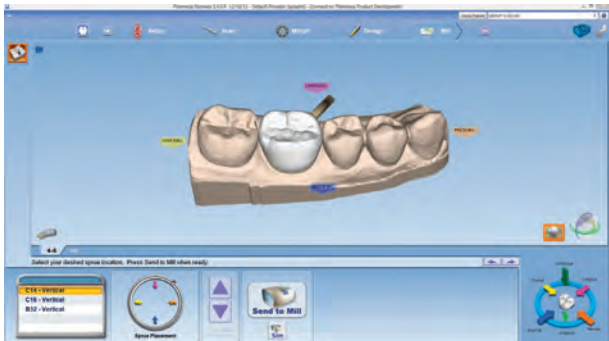
- Digital speed control - For variable airflow rates
- Auto sensing voltage (90-257v) for global use
- High vacuum pump for effective capture from source
- Brushless motor (can exceed 30,000hrs use before servicing)
- Interface to Roland milling machine
- Filters with long life and low replacement cost (18 litre)
- High efficiency 5 layer large capacity easy change filter
- HEPA filtration
- Filter full indicator
- Quiet in operation
- Small footprint



Pre filter bag and HEPA filter

# CAD/CAM Software

## Planmeca PlanCAD® Easy **PLANMECA**



### Planmeca's easy and efficient design tool for prosthetic works

This open CAD software suite, designed especially for dentists, is the perfect tool for sophisticated 3D design and planning at the dental practice. The software is easy and fast to use and is ideal for designing prosthetic works from a single crown to 3 unit bridges. Easy design of inlays, onlays, veneers, crowns and bridges

#### Features:

- Fully automated design from an anatomic tooth library
- Automatic adaptation to contact strength specified by user
- Cusps, marginal ridge and other anatomical shapes are taken to the design from the adjacent teeth
- Minimum material thickness is applied to the design for long-lasting results
- Design up to 16 teeth in the same session
- Superimposed camera view for easy marking of margins
- User-friendly tools to modify the shape and look of the design
- Automatic saving for flexible usage
- Only five steps from work description to milling

## 3Shape Full Contour **3shape**

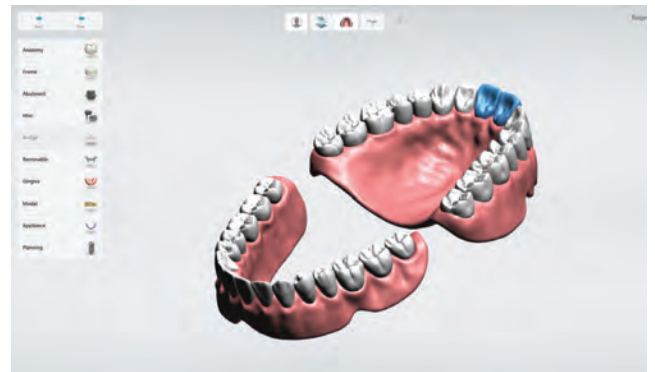
### Full Anatomical Crowns and Bridges in a few clicks



Full digital crown production has grown explosively, driven by the success of full Zirconia, CAD Blocks, and an increasing demand for cost-efficient restorations. With 3Shape's new Smile Composer™, Auto Crown, and the extensive range of anatomy libraries - designing highly aesthetic and functional full anatomical crowns and bridges has never been easier.

## 3Shape TRIOS Design Studio **3shape**

### Provide same day dentistry with the Design Studio solution



Trios Design Studio software lets you easily design crowns and bridges, inlays, onlays and veneers. It includes Auto-crown design functionality and connection to a wide range of fully integrated milling machines. Open STL output enables use of any manufacturing option and connectivity to any milling centre.

#### Features:

- Easy crowns and bridges, inlays, onlays and veneers
- Auto-crown design functionality
- Open STL output for any manufacturing option or milling centre
- Connect to a wide range of fully integrated milling machines

## 3Shape Ortho Analyser **3shape**

### Software for orthodontic case analysis



#### Features:

- Combine CBCT scans with digital models
- Combine 2D images with 3D models
- 2D and 3D analysis orthodontic toolkit
- Share treatment plans
- Simulate orthodontic treatments
- Optimise occlusion in real time
- Customise treatment

# CAD/CAM Software

## 3Shape Implant Studio



### Digital accuracy and predictability, while improving the patient experience

Dental practices and labs use 3Shape Implant Studio™ for prosthetic driven implant planning and surgical guide design. Planning is based on optimal aesthetics, intended final restoration, available bone and the overall clinical situation. This solution increases treatment predictability and helps deliver a better outcome.

#### Features:

- Prosthetic driven planning
- Open system platform
- A flexible digital workflow
- Locally produce surgical guides at lower costs
- Flexible tools and features



## 3Shape Dental System – For the Laboratory



### A potent and dependable CAD/CAM solution that powers you past the competition

3Shape Dental System gives you the widest range of indications, tools and libraries. Providing integrated and intuitive workflows, a value-packed care program and an ecosystem that freely lets you combine what you use today with what you may need tomorrow.

#### Why choose Dental System:



#### Future proof solutions

- 3Shape innovation by over 275 developers
- Long-term sustainability of hardware and software
- 80 pending patents
- Unlimited software upgrades



#### Global customer care

- 100 Support & Training specialists in 13 countries
- Webinars & LABcare™ training packages
- 7 scanner service centers worldwide



#### More indications and better tools

- The widest range of indications including special types
- Powerful tools and design options
- Intuitive interface and guided workflows
- Complete order manager and 3D order form



#### Stronger ecosystem

- 70+ Implant libraries
- Extensive material and milling center libraries
- Broad integration with 3rd party mills, printers and IOS
- TRIOS® and integrated solutions



#### Integrated scanners and documented accuracy

- Complete scanner and software integration
- TRIOS® is an integrated digital colour impression solution
- Documented lab scanner accuracy according to ISO 12836
- Compliance with FDA 21 CFR part 820 and ISO 13485

#### Available add on's:

**Model Builder™** - allows technicians to design lab models for many indications including implant models directly from TRIOS® digital impression scans, 3rd party intraoral scans, and physical impression scans.

**3Shape Implant Bar and Bridge** - allows technicians to design sophisticated implant bars and bridges with the utmost precision. 3Shape's solution supports standard and free-form bar shapes for removable and fixed prosthesis, enables virtual design of gingiva and creation of any type of attachment.

**Abutment Designer** - simply model the anatomy first, then create the abutment and emergence profile with smooth transitions for optimal aesthetics.

**Removable Partial Design** – technicians start by designing the anatomies before the framework, thereby gaining accurate digital control over a technique-demanding process. Design both metal and flexible frameworks.



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