Gunz Dental specialises in creating solutions for your practice, be it new surgery design, technology upgrade or solving your specialist needs. All our equipment is backed by our commitment to after-sales service, with an established network of service providers throughout Australia and New Zealand.

We also carry an extensive range of spare parts for all our brands.

Stuck for ideas about setting up your surgery? For all your Equipment needs Talk To Us.
# Contents

**Clinical Equipment**

- Treatment Centres 81-82
- Chairs 83
- Operating Lights 84
- Flexible Modular Equipment 85-86
- Operating Stools 86
- Surgery Accessories 87
- Electric Micromotor 87
- Curing Lights 88

**Imaging Systems**

- Xray Units 89
- Digital Imaging 90-91
- Intra Oral Cameras 91
- Digital X-ray 91

**Surgical/Implantology** 92-93

**Endodontics/Rotary Instrumentation** 93

**Endodontics/Motors & Handpieces** 94

**Endodontics**

- Apex Locator 95
- Obturation Devices 95

**Periodontics**

- Ultrasonic Scalers 96-97
- Portable Diode Laser 97

**Infection Control**

- Ultrasonic Baths 98
- Water Purification 98
- Autoclaves 98

**Satelec Tips Range** 99

**Handpieces** 100-101

**Laboratory Equipment**

- Trimmers, Lathes, Micromotors 102
- Furnaces, Extractors, Benches 103

**Plant Equipment**

- Suction Motor 104
- Amalgam Separators 104
- Compressors 104

**Warranties & Servicing** 105

**Equipment Consumables Package** 106

**Surgery Planning Guide** 107
Belmont has combined cutting edge technology with the traditional values for dental treatment centres offering sophistication, performance, flexibility and above all durability. Belmont’s treatment centres epitomise their reputation for innovation, style, practicality and above all reliability. Thousands installed throughout Australasia with national service coverage.

**CP-One Treatment Centre**

The latest dimension of distinctive style, plus the sophisticated function required for modern clinical procedures, CP-One’s convenient left and right entry with an unique knee break configuration delivers the benefits of face to face dialogue between doctor and patient. Communication is the first step in the relaxation of patients, consequently providing professional and efficient treatment enhancing informed consent, relations and patient retention.

**Clesta II Treatment Centre**

The Clesta II dental treatment centre offers sophistication, performance, flexibility and above all durability. The chair is adjustable with an axis backrest, durable diecast base and a built-in service centre. The unit has a central control panel and a large operator’s table, integrated cuspidor, assistant console, service outlet panel, glass bowl, solids collector and dental light. This chair and unit is also available for left handed practitioners.

**Voyager II Treatment Centre**

This clinical system has been designed with vision for the future incorporating a perfect balance between advanced ergonomics and aesthetic appeal. Features include full program chair function, sensor operator light and an innovative doctor’s console with the optional capability (Voyager IIL) to adapt to right hand and left hand clinicians. The Voyager II is a long lasting, durable and hygienic dental treatment centre at an entry level price.

**Clesta Treatment Centre**

The Clesta chair, with integrated cuspidor and over the patient delivery system, forms the basis of Belmont’s well established reputation for dependability. The design, simplicity, durable construction and functional reliability all add to the unique aseptic style and concept of the Belmont Clesta treatment centre. The Clesta treatment centre features an independent utility box which can be positioned as required by the treatment centre’s services.
CLINICAL EQUIPMENT - TREATMENT CENTRES

Quolis 5000 Treatment Centre
BELMONT

The Quolis® 5000 Treatment Centre embodies advanced technology and fresh, innovative ideas - with reliability and comfort in mind. At the heart of each Treatment Centre is the Quolis® 5000 chair.

- Made entirely in Japan.
- Every Belmont chair utilises hydraulic lift, world renowned for simplicity and reliability.
- Seat and backrest positioning are controlled by built-in touchpads – position everything just where you need it.
- Patients will experience smooth, gentle seat motion as they glide into position for treatment and discharge.
- Upholstery is seamless and therefore hygienic and easy to clean.
- Chair positioning membrane switches and controls as electric options are fully integrated into the delivery head.
- Delivery systems are available in a variety of popular configurations.
- The left/right swing without cuspidor is available with other options.
- The Quolis® dental light produces balanced, natural light output to illuminate the patient’s oral cavity - superb positioning flexibility, with 3-axis rotation.
- Unique and hygienic touchless sensor technology is used to operate the light, including the special curing light mode.
- All Belmont Treatment Centres offer the ability to integrate other devices, separate the light and remove the cuspidor if desired.

Left or Right hand operation

Please speak with your Gunz Representative for information on the best cleaning products for your dental chair and unit.

Made entirely in Japan

Belmont Chair medical grade upholstery colours

Colours illustrated are a guide only and may vary from the actual upholstery colour.
Belmont’s quality hydraulics and precision engineering means that you can get no better reliability. You experience smooth, accurate and quiet position changes. Belmont quality and ingenuity does not stop there. The Belmont range of chairs are an ideal orthodontic “solution” and are increasingly being used to create the “Clean surgery look”. Instrumentation can be hidden via mobile, cabinet, or slide away delivery systems.

**Pro II Chair**  
BELMONT

This unique design creates an ideal environment for personal consultation and communication between dentist and patient.
- Axis power headrest
- 2 pre-set positions
- Last position memory (LP) and auto return
- Automatic extendable leg rest with manual override
- Base rotation of 110º (L&R)
- Swing out arm rests

**Clesta - Clean Station**  
BELMONT

This is Belmont’s legendary dental chair. With 2 separate chair programs and last position memory (LP), the Clesta chair provides the operator with the simplest and most convenient patient positioning.
- Twin axis articulating headrest
- 2 pre-set positions
- Last position memory (LP) and auto return
- Seamless upholstery
- Swing out arm rests
- 8 way foot control

**Cair Chair - Clean Station**  
BELMONT

A folding knee break leg rest chair, the Cair brings a feeling of SPACE and OPENNESS to any surgery
- Designed for face to face communication between doctor and patient
- Smooth and silent chair movements
- New Soft-Touch plush upholstery material
- Joystick foot controls for easy hands free chair movements
- 180º folding arm rests permitting easy access for elderly and wheel chair bound patients

**Progres Chair**  
BELMONT

This chair boasts features and advanced technology you would never expect from an entry level chair.
- Pantograph base with 60º rotation
- Latest position memory (LP) and auto return
- 2 pre-set positions
- Seamless upholstery
- Swing out arm rests
- 8 way foot control
Optically correct illumination is delivered at 5,000° Kelvin (approximates daylight), at a range of intensities to 28,000 Lux (Belmont IO5000), 25,000 Lux (Faro EDI) and 8,000-60,000 Lux (Faro Alya). Sensor control switching options and shadowless reflectors allow optimal asepsis. Both lights are suited to pole mounting on units, wall or ceiling installations.

### Technical Specifications:

<table>
<thead>
<tr>
<th></th>
<th>Belmont IO5000</th>
<th>Faro EDI</th>
<th>Faro Alya</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Bulb Type</strong></td>
<td>Tungsten Halogen Type (JA24V60W)</td>
<td>Halogen Type LED</td>
<td></td>
</tr>
<tr>
<td><strong>Light output:</strong></td>
<td>High 28,000 Lux</td>
<td>25,000 Lux</td>
<td>8,000-60,000 Lux @ 700mm</td>
</tr>
<tr>
<td></td>
<td>Medium 22,000 Lux</td>
<td>n/a</td>
<td>n/a</td>
</tr>
<tr>
<td></td>
<td>Low 15,000 Lux</td>
<td>n/a</td>
<td>n/a</td>
</tr>
<tr>
<td><strong>Colour temperature</strong></td>
<td>5,000 Kelvin</td>
<td>5,000 Kelvin</td>
<td>5,000 Kelvin</td>
</tr>
<tr>
<td><strong>Light pattern @750 mm</strong></td>
<td>70 x 190 mm</td>
<td>60 x 180 mm</td>
<td>85 x 170</td>
</tr>
</tbody>
</table>
Beaverstate Dental equipment offers Clinicians the opportunity to customise their own surgery design concepts. Modules can be installed as single items or as a complete system. Ask your Gunz Equipment Specialist for further information.
**CLINICAL EQUIPMENT - OPERATING STOOLS**

**Operating Stools - Doctor and Assistant**

Multiple adjustment range offers operators a comfortable and stable operating position. All stools feature a sturdy 5-castor base with gas lift height adjustment. The Doctor stool’s back rest and seat section can “float” to follow body movements or can be locked into any desired position. The Assistant stool have been designed with a footrest base ring and a height adjustable backrest. The quarter circle back rest can be swivelled to the back or front for the most comfortable position. All stools are available in a wide variety of upholstery colours to match Belmont and other chair brands.

**Doctors Type C**

The Doctor stools backrest and seat sections can “float” to follow body movements, or can be locked into any desired position.

**Nurses Type B**

Nurse stools are designed with a foot rest base ring and a height adjustable back rest. The revolving abdomen support can be swivelled to the back and front for the most comfortable position.

**Ergo Physio 1**

The Ergo Physio 1 can be configured to include a foot ring or foot ring with left side ergomatic arm rest for assistant.

---

**FLEXIBLE MODULAR EQUIPMENT**

- 3HP automatic Doctor’s Cart S-4100 & Automatic Doctor’s Cart for 5200
- 3HP Automatic Duo Cart with Vacuum
- Assistant’s Vacuum Arms
- 3HP automatic Doctor’s Cart S-4100 & Automatic Doctor’s Cart for 5200
- 3HP Automatic Duo Cart with Vacuum

---

phone: 0800 30 10 10    fax: 0800 486 9336    www.gunz.co.nz
CLINICAL EQUIPMENT - SURGERY ACCESSORIES

**Satelec® Softly Amalgamator**

**SATELEC**

Softly is a high-speed digital amalgamator for use with pre-measured amalgam & glass ionomer capsules.

- Microprocessor ensures precise repeatability of time selected for consistent mix
- Very stable, quiet & modern aseptic design
- Deactivates automatically when front cover is open

**CLINICAL EQUIPMENT - ELECTRIC MICROMOTOR**

**Satelec Air Max II**

**SATELEC**

With its innovative and practical design, the Satelec Air Max II air polisher allows the dentist to easily remove surface stains from dentition.

- The fully autoclavable ProphyPen handpiece has a titanium nozzle that mixes the water with air and powder.
- Powder Max is ideal for polishing, paediatric fissure cleaning and is gentle on the enamel.
- The transparent powder drum located on the side of the unit makes refilling easy and allows a perfect visual control of the fill level.
- Fully automatic prophylaxis function: at the press of a button, a “chip blower” expels any powder remaining in the tubes.
- For added patient comfort, a built-in heating system provides warm water

**Beaverstate Self Contained Water System**

Self contained water systems are suitable for integration into most new or existing dental units, where an independent water supply is required.

---

**NLXnano Micromotor**

**NSK**

NLX nano has been designed to minimise weight and size to improve the balance of instrument and motor in the hand of the clinician, reducing fatigue during prolonged procedures. Despite its small size and light weight, the NLX nano is as powerful as traditional micromotors and offers a wider range of speeds. Its 180° Vector Control assures smooth and stepless control over the entire speed range. Thanks to LED illumination, it now delivers 32,000 LUX, natural daylight quality light and assures clearer vision, reducing fatigue during operation.

It takes only 1 minute to change your system into an upgrade optic micromotor system.

How to install the unit:
1. Connect one of your turbine hoses to the hose connector of NLXnano.
2. Connect the motor cord of Ti-Max to NLXnano control unit.

Your existing foot-pedal can operate the motor.

Your vacant turbine hose. Use 4-hole type only.

---

**Phone:** 0800 30 10 10  |  **Fax:** 0800 486 9336  |  **Website:** www.gunz.co.nz
CLINICAL EQUIPMENT - CURING LIGHTS

MINI LED CORDLESS

Valo LED Curing Wand

Valo LED Curing Wand

ULTRADENT

Valo LED Curing Wand

Valo LED Curing Wand

MINI LED CORDLESS: Cordless curing light with optimal power, for efficiency and speed.

- Emits light in the most relevant and efficient part of the spectrum, to cure all photo initiated products
- Very fast polymerisation (i.e. 6-12 seconds) to cure 2mm of composite, in fast mode
- Choice of 3 modes (fast, pulse and ramp)
- Latest generation of CMS electronics
- Ergonomic compact design weighing only 190g

MINI LED AF: World’s first cordless curing light with “Autofocus” function.

- More efficient, faster curing is achieved by the automatic calculation of precise exposure time measured in accordance with the distance
- Better curing achieved by most powerful (power density of 2,200 to 3,000 mW/cm²) and highly efficient light spectrum for deep polymerisation of composites
- Three curing modes (fast, pulse and ramping)
- Laser target ring allows for easier and precise positioning of the light guide
- Incorporated radiometer to enables instant check of the power density
- Lithium-Ion battery

MINI LED ORTHO 2:

Supplied with a Ø 5,5mm light guide and comes standard with same charger as the MiniLed AF.

- Features a large LCD screen
- It offers 4, 8, 12 and 32 second curing cycles.
- High power of up to 3,000 W/cm² using a Ø 5,5mm light guide
- Wave length is 420-480nm to cover all different composites but also sealants and bonding agents
- It prompts the user by offering four different alert modes – beep, micro flash, micro flash and beep or no additional alert
- Standby mode is active after 5 minutes
- The Lithium-Ion battery can be re-charged at any time and will last to cordlessly bond a minimum of 15 patients
- Exclusive patented heat dissipation method prevents overheating and protects circuitry - no fan needed.

Refer to Restorative section page 246 for complete details.
### IMAGING SYSTEMS - X-RAY UNITS

#### Intra Oral X-Ray Units

**BELMONT**

<table>
<thead>
<tr>
<th></th>
<th>Belray 096</th>
<th>Phot-X II</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Focal point measurement</strong></td>
<td>0.8 x 0.8 mm</td>
<td>0.7 x 0.7 mm</td>
</tr>
<tr>
<td><strong>Rated tube potential</strong></td>
<td>70 kv</td>
<td>60 kv/70kv</td>
</tr>
<tr>
<td><strong>Rated tube current</strong></td>
<td>10 mA</td>
<td>4 mA/7mA</td>
</tr>
<tr>
<td><strong>Exposure time</strong></td>
<td>0.02 — 3.0 sec.</td>
<td>0.01 — 3.2 sec.</td>
</tr>
<tr>
<td><strong>Total filtration</strong></td>
<td>2.1 mm Al equivalent</td>
<td>2.0 mm Al equivalent @ 70kv7mA</td>
</tr>
<tr>
<td><strong>SSD with regular cone</strong></td>
<td>204 mm</td>
<td>203 mm</td>
</tr>
<tr>
<td><strong>SSD with long cone</strong></td>
<td>305 mm</td>
<td>305 mm</td>
</tr>
<tr>
<td><strong>Density pre-program Film</strong></td>
<td>3 programs</td>
<td>16 programs</td>
</tr>
<tr>
<td><strong>Density pre-program Digital Sensor</strong></td>
<td><em>See foot note</em></td>
<td>16 programs</td>
</tr>
</tbody>
</table>

*Belray 096 is compatible with digital imaging systems; the exposure time can be set as low as 0.02 sec.*

**Belray 096**

**BELMONT**

Wall or Ceiling Mount Available.

**Phot-X II**

**BELMONT**

Available with Stand or Wall Mount.
EQUIPMENT

IMAGING SYSTEMS - DIGITAL

Digital X-Ray System

EPNA
- Patented “Active Column” CMOS technology
- Features “Smart Sensor” Electronics
- Cost-effective Networking
- USB Connectivity
- Proimage Imaging Software
- Available as a Number 1 or Number 2 sized sensor

EVA Sensor Specifications
Sensor #1
- Active Area: 20mm x 30mm
- Image Size: 1.3 MB
- Type: CMOS
- Pixel Size: 30 Microns Sq.
- Gray Shades: 4096 (12 Bits)
- Resolution: 16 lp/mm

Sensor #2
- Active Area: 27mm x 38mm
- Image Size: 2.1 MB
- Type: CMOS
- Pixel Size: 30 Microns Sq.
- Gray Shades: 4096 (12 Bits)
- Resolution: 16 lp/mm

Digital X-Ray System

EXCALIBUR
- Hybrid CMOS/CCD technology
- Superior image quality
- 2 Sensor available – size 1 & size 2
- USB connection, no external power required
- Images in DICOM medical format
- Powered by New Generation Image Level Mediaden Multi User imaging software

Excalibur sensor specifications:
Sensor #1
- Active Area: 20.6 mm x 32.7 mm
- Number of pixels: 890 (H) x 1420 (V)
- Pixel Size: 22.5 Microns Sq.
- Gray Shades: 4096 (12 Bits)
- Resolution: 16 lp/mm

Sensor #2
- Active Area: 27mm x 38mm
- Image Size: 2.1 MB
- Type: CMOS
- Pixel Size: 30 Microns Sq.
- Gray Shades: 4096 (12 Bits)
- Resolution: 16 lp/mm

Win-1000 Intra Oral Camera

WINUS
- Powerful Imaging: • Clarity • Simplicity • Flexibility
- An indispensable tool to improve communication with your patients and promote the productivity of your dental clinic. The Win-1000 incorporates the latest digital technology with sophisticated optics to deliver sharp, true-to-life colour images without manual focus adjustment.
- Portable, lightweight, compact design
- Intraoral and extraoral modes
- Quick and Easy to operate
- Digital or Video docking stations available
- Optional Multi User Mediaden Imaging software available

Upgrading to digital imaging technology? Call Gunz Dental on 0800 30 10 10 for a free and no obligation technology audit.
Kodak 1500 Intraoral Camera

The camera’s patented liquid lens technology™ automatically focuses according to the distance between the camera and the filmed object - no natural adjustments required.

From full arch to macro views, the Kodak 1500 camera delivers the industry’s highest resolution for still images (1024 x 768), boasting the widest focus range on the market (1mm to infinity).

Featuring an 8-LED lighting system, the Kodak 1500 camera delivers consistent and powerful illumination. Intuitively adjusting to your current lighting conditions, the camera’s true white LED bulbs provide optimally illuminated images in any environment.

Available in both wireless and wired versions, the camera’s wireless configuration features state-of-the-art WiFi technology to ensure the most flexible and mobile solutions for your imaging needs.

Visualise the smallest details with crystal-clear views and true-to-life colours

Option of built-in digital Wi-Fi for reliable and fast image acquisition - no wire required.

Upgrading to digital imaging technology? Call Gunz Dental on 0800 30 10 10 for a free and no obligation technology audit.
EQUIPMENT

SURGICAL/IMPLANTOLOGY

Servotome II Tissue Contouring System
SATELEC

Servotome tissue contouring device allows you to control depth of incision and the extent of coagulation, for more precise operation.

- Cuts quickly, without damaging surrounding tissue
- Produces instantaneous haemostasis where needed
- Aseptic, modern design

Includes a selection of 10 electrodes

I-Surge Surgical Motor
SATELEC

I-Surge by Satelec® combines torque, power and stability to perform precise and delicate procedures

Features:
- High and stable torque, even at low speed (electronically-set at 6 N. cm)
- Wide speed range (100 to 40 000 rpm)
- Silent - no heating up or vibrating
- Brushless, Compatible with all contra-angles
- Compact and versatile
- Autoclavable

Implant Centre II - Piezo Ultrasonic Surgery Implantology Unit
SATELEC

The unique and ergonomic Implant Centre surgery system incorporates three devices in one complete unit:
1. Piezotome – power ultrasonic for bone surgery
2. I-surge – surgical motor
3. Newtron – conventional ultrasonic treatment – from periodontal to implant maintenance

Features:
- The most complete: three modes – Pre-implant surgery, Implant surgery and Implant maintenance
- The most powerful: the unit has the highest and most stable torque (6 N. m) even at low speed
- The safest: Selective cutting with ultrasonic means less risk of soft tissue lesions

Surgic XT Plus Electric Micromotor
NSK

The new Surgic XT Plus (Black) unit has been further advanced. The Surgic XT Plus optic micromotor provides optimum vision for oral surgery procedures. The micromotor effortlessly endures prolonged surgical procedures without significant heat generation, and is ergonomically designed to adapt comfortably to the human hand. It features advanced handpiece calibration (automatically calibrates the Micromotor and handpiece to the rotational resistance of each individual handpiece prior to operation) – 50Ncm of torque, 210W power, low noise and vibration with minimal heat generation. Large LCD screen showcasing all parameters clearly and programmable memory to store up to 8 settings of customised levels in coolant flow, speed, torque, gear ratio and rotation direction. The Micromotor is made from titanium and is therefore lightweight and durable. Available in optic or non-optic. Autoclavable cable and motor.
**EQUIPMENT**

**Endo-Mate DT**

- Fits all popular brands of Ni-Ti files
- Auto reverse function
- Miniature Head with Ultra push chuck
- Compact desk top unit
- Easy to read large digital display
- Mains electrical or rechargeable battery power supply
- Light weight comfortable handpiece
- Dual ON/OFF Switch
- Compatible with NSK Apex locator attachments
- Up to 9 pre set programs
- Optional foot control
- All heads are autoclavable to 135°C

---

**Piezotome: The combination of Piezotome mode and Newton mode in a single unit. An innovative, powerful, precise and quiet-running piezoelectric generator for implant surgery, developed for delicate procedures such as osteotomy, curettage or sinus lift.**

**Newton mode**: the modulated piezo signal allows tissue relaxation and optimal cell repair for a clean cut and better healing.

**Performance**: During long and intensive operations, the Piezotome hand piece will not cause overheating (reduced risk of necrosis), loss of power (speed of the procedure) or extraneous vibration (optimal precision and comfort).

The unit is supplied with a double foot pedal, a bracket, two hand piece holders, an irrigation kit with five single-use sterile irrigation lines with integrated cassettes.

---

**Endo-Mate TC2**

- New Generation Endodontic Cordless Micromotor Safe:  • Speedy  • Slim  • Stress Free.
- Miniature head for higher visibility
- Cordless
- Intuitive LCD Display
- Slimmer, lighter handpiece, ergonomically designed
- Noncontact type fast charger prevents improper connection via a non-metallic terminal
- 90min quick charger
- 20:1 heads can now be used with Endo-Mate TC2
- New head 10:1, model MP-F10R
- Copable with NSK Apex locator attachments
- All heads autoclavable to 135 degrees

---

**Packs, Kits and Tips**

There are various packs and kits available to deliver with the unit, including: a Sinus Lift Kit, a Bone Surgery Kit, an Intralift Kit, a Newtrin Perio Kit and other accessories.
**Silver & Gold Endo Motors**

**VDW**

Ergonomic lifestyle design with intuitive menu navigation for ease of use.

- Operates with battery or with power supply, even while battery is charging – no risk of being caught with a flat battery!
- Automatic Reverse Rotation and acoustic warning signal are activated when the preset torque value is reached, providing safety when working with rotary NiTi systems
- 41 different torque levels are available and can be programmed in the Doctor’s Choice menu which can memorise up to 15 settings
- High quality 6:1 contra angle from Sirona included in the delivery

**Silver Endo Motor**

- Preprogrammed with Mtwo and FlexMaster settings
- Other systems can be used by programming Doctor’s Choice

**Gold Endo Motor**

**VDW**

VDW Gold Endo motor with Integrated Apex locator.

- Preprogrammed with all major rotary NiTi File systems available on the market
- Integrated apex locator allows you to perform simultaneous preparation and electronic length determination
- Additional program for canals with difficult anatomy offers increased protection against instrument separation
- Electronic length determination is accurate in both humid and dry canal conditions
- Apex locator can be used with hand file on file clip, or with rotary file in the handpiece. No need to attach the file clip on the rotary file as the handpiece is conductive.

**Mtwo Direct Torque controlled contra-angle**

**VDW**

The ideal solution for an easy start with rotary NiTi preparation:

- Attaches directly to the electric motor of the dental unit (ISO E connection) meaning that no additional device or foot control is necessary
- Provides constant speed (115:1 reduction) and torque setting for every Mtwo instrument – simply turn the ring to choose the correct setting
- A 90° reverse rotation occurs when the set torque limit is reached to provide maximum safety

**Endo-Eze AET Handpiece**

**ULTRADENT**

The oscillating motion of the Endo-Eze® reciprocating handpiece with coolant preserves tooth structure and prevents file separation. Significantly less aggressive than a rotary “screw type” motion, plus facilitates uniform instrumentation of all the walls in an irregularly shaped canal.

**Endo IT Professional**

**VDW**

Intelligent Torque Control - For most NiTi systems

- Small, brushless, lightweight maintenance free motor
- Easy to use button menu
- Includes library of most file systems settings
- Customised file sequence can be saved as “doctor’s choice” setting
- Auto stop reverse feature for safety when pre-set torque is reached
- Audible warning tone when 75% of pre-set torque is reached
**ENDODONTICS - APEX LOCATOR**

**Raypex 5 Apex Locator**

Fourth generation Apex Locator.
- Increased accuracy over other apex locators by empirically calibrating the display on more than 300 root canals.
- Accuracy of more than 95% confirmed by in-vitro study
- Hinged front panel with a colour display
- A stable anti-slip casing
- Patient demo mode

---

**ENDODONTICS - OBTURATION DEVICES**

**BeeFill Obturation Devices**

BeeFill gives you time-saving, clean and long-lasting 3-dimensional obturation of root canals.

Three units to choose from:
1. BeeFill Pack - For downpacking
2. BeeFill Backfill - For backfilling
3. BeeFill 2in1 - For downpacking and backfilling

- Faster method to achieve a long-lasting, tightly sealed, 3-dimensional root canal filling, compared to traditional techniques
- Reliable obturation of lateral canals
- Minimal risk of root fractures
- Simply fill the guttapercha to desired level for immediate placement of a fibre post
- Adhesive restoration in one appointment

### The BeeFill Advantage

<table>
<thead>
<tr>
<th>Feature</th>
<th>BeeFill Pack</th>
<th>BeeFill Backfill</th>
<th>BeeFill 2in1</th>
</tr>
</thead>
<tbody>
<tr>
<td>Simple navigation at the push of a button</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
</tr>
<tr>
<td>All parameters individually adjustable</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
</tr>
<tr>
<td>Two preset buttons allow preferred settings to be saved</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
</tr>
<tr>
<td>Ergonomically designed handpiece with a 360° operation angle</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
</tr>
<tr>
<td>Feather-touch activation by flexible silicone ring</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
</tr>
<tr>
<td>Excellent sight of the root canal thanks to slim handpieces and extra-long obturation cannulas</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
</tr>
<tr>
<td>Visual signals for operation and safety on the handpieces</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
</tr>
<tr>
<td>Audible signals for operation and safety on the handpieces</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
</tr>
<tr>
<td>Standard and soft pluggers</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
</tr>
<tr>
<td>ISO coloured pluggers with length markings for downpacking or searing off Guttapercha</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
</tr>
<tr>
<td>Micromotor controls precise release of guttapercha</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
</tr>
<tr>
<td>Quick change of cartridges through drop-in/drop-out design</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
</tr>
<tr>
<td>Extra-long, flexible cannulas, suitable for curved root canals</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
</tr>
<tr>
<td>One cartridge fills 4-6 root canals</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
</tr>
<tr>
<td>Thermal response tip for pulp sensitivity testing</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
</tr>
<tr>
<td>Downpack and Backfill function in one compact device</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
</tr>
<tr>
<td>Blue LED lights indicate active handpiece</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
</tr>
<tr>
<td>Clear display and controls for Downpack or Backfill</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
</tr>
</tbody>
</table>
**PIEZO ULTRASONIC GENERATORS & SCALERS**

**Satelec Suprasson Handpiece**

- Fits all Satelec piezo ultrasonic scalers
- Fully autoclavable
- Replaceable outer case saves hundreds on the cost of a new handpiece, following repeated case wear.

**Satelec LED Handpiece**

- 65,000 Lux - excellent visibility even in posterior areas
- Cold light (6000-7000 K) for better tissue recognition
- Ideal for working with loupes
- Powerful and very long lasting LED
- Hand piece can be sterilised at 134°C

**Satelec Universal Wrench**

- Universal autoclavable wrench.

---

**PMax XS Ultrasonic Generator**

- Bench top Ultrasonic Generator with first ever autoclavable LED hand piece
- Features built-in irrigation system, 2 water tanks and air function.
- The best quality light:
  - 65 000 Lux – excellent visibility even in posterior areas
  - Cold light (6000-7000 K) for better tissue recognition
  - Hand piece can be sterilized at 134 °C
  - Cruise control system delivers the same features as for P5XS

**P5 XS Ultrasonic Generator**

- Bench top Ultrasonic Generator with built-in irrigation system.
- P5 XS delivers greater portability:
  - One 300ml tank – easy to fill even during the procedure, choose between sterile water or solutions such as hypochlorite or chlorhexidine.
  - Long-life irrigation cassette (more than 1000 hours)

**P5 XS is piloted by Cruise Control™ system comprising 3 features:**
- Auto-tuning system – automatic frequency adjustment according to the acoustic response of the tip.
- Push-Pull system – constant control of the oscillation amplitude of the tip.
- Feed-back principle – real-time power adjustment according to the resistance encountered.

---

**Choose either the P5 Neutron benchtop, or the compact Neutron integrated module, which can be fitted inside any dental system.**

**P5 Neutron™ & Neutron™ (benchtop and integrated)**

- Smoother, more consistent & comfortable treatment for both patient and practitioner, due to the combination of: “Real time” tip tuning (i.e. at 30,000 Hertz), where the Neutron recognises and tunes each tip to the correct frequency, and Intelligent power control system, with automatic feedback response to deliver extra power when needed.

- Satelec has the widest, most innovative piezo tip range available, with over 70 tips in the range, covering many endodontic, periodontal, general scaling & retreatment applications.

---

**LED Handpiece – The best quality light.**

- 65,000 Lux - excellent visibility even in posterior areas
- Cold light (6000-7000 K) for better tissue recognition
- Ideal for working with loupes
- Powerful and very long lasting LED
- Hand piece can be sterilised at 134°C

---

**Universal auto-clavable wrench.**
**PIEZO ULTRASONIC SCALERS**

<table>
<thead>
<tr>
<th>NSK Piezo Ultrasonic Scalers</th>
<th>NSK</th>
<th>NSK</th>
<th>NSK</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Integrated system</strong></td>
<td>Varios 150</td>
<td>Varios 350</td>
<td>Varios 750</td>
</tr>
<tr>
<td>Optic / non optic handpiece</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Multi functional (Perio/Endo/General)</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Dedicated bottled solution system</td>
<td>✗</td>
<td>✗</td>
<td>✓</td>
</tr>
<tr>
<td>Automatic Tuning</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Wide Tip range</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Unit water supply</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
</tbody>
</table>

**NSK Varios 150**

**NSK Varios 350**

**NSK Varios 750**

---

**PORTABLE DIODE LASER**

**White Star Portable 5w Diode Laser**

**CREATION**

- Diode infrared 810nm 5W soft tissue laser
- Compact and wireless
- SMA fibre connectors guarantee the accuracy of the power setting
- Autoclavable fibres and a contact handpiece
- Package includes 3 fibres and 2 handpieces

**CLINICAL BENEFITS:**

- A clearly visible operating field with no bleeding
- Minimises the possibility of infection
- Dramatically decreases trauma to the patient resulting in minimum post-operative pain and a quicker recovery
- Highest precision for surgical procedures
- Less anaesthetic required for procedures done by laser

**Purchase of a Creation White Star Laser includes a free laser course facilitated by Gunz Dental.**

* Conditions apply. Please ask your local Gunz representative for details.
**EQUIPMENT**

**INFECTION CONTROL - ULTRASONIC BATHS & WATER PURIFICATION**

**Ultrasonic Cleaners**

**SONICLEAN**

Soniclean achieves superior coverage and deep penetration of fine instruments via patented Pulse Swept Power technology, which emits multiple frequency waves versus the standard single frequency waves.

- Very quiet in operation, maintaining a relaxed and professional surgery environment
- Robust, Australian design
- Fully sealed unit, which is easy to clean
- Available in 3, 6 & 10 litre capacities
- Simple to operate

**Water Purification System**

**AQUACLAVE**

Aquaclave uses highly efficient reverse osmosis membrane technology to produce pure water, for the optimal functioning of your autoclave

- Low energy, low operational expenses
- Convenient - produces 2 litres of pure water per hour
- Includes 11 litre storage tank & plumbing accessories for fitting in your plant room
- Minimum care & low cost servicing: 6 monthly cartridge change & membrane replacement every 3 years
- Includes TDS (total dissolved solids) meter for daily water check

**INFECTION CONTROL - AUTOCLAVES**

**Tuttnauer Nova B 23 litre class B**

- Easy to operate, reliable. 6 cycles + 2 programmable.
- 2 year warranty with national field support.
- 4 trays or IMS cassettes. Chamber Ø254mm x 450mm
- 15 amp supply for 12 min flash and 30min 134ºC wrapped cycles*
- Built in ink printer and PC RS232 connection. Software available.
- TGA registered and Workcover approved.
- Validation service available.
- Overall dimensions mm W500xH420xD500 (for feet).

**Tuttnauer 2540 EKAP S 23 litre class S**

- Large installation base.
- 2 year warranty with national field support.
- 4 trays or IMS cassettes. Chamber Ø254mm x 450mm
- 9 min flash and 42min 134ºC wrapped cycles*
- Built in printer and PC RS232 connection. Software available.
- TGA registered and Workcover approved.
- Validation service available.
- Overall dimensions mm W510xH365xD500 (for feet).

*Depending on chosen set up and load.

<table>
<thead>
<tr>
<th>Model</th>
<th>Class</th>
<th>Vol. Litres</th>
<th>Chamber dim. mm</th>
<th>Trays IMS</th>
<th>Cycles + test</th>
<th>Time Wrapped*</th>
<th>Time Flash*</th>
<th>Integral Printer</th>
<th>PC port / software</th>
<th>Overall dimensions mm W x H x D</th>
<th>Warranty</th>
<th>Workcover &amp; TGA</th>
<th>Field service cover</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tuttnauer Nova B</td>
<td>23</td>
<td>Ø254 x 475</td>
<td>4 / 3</td>
<td>6 + 2</td>
<td>28 mins</td>
<td>10 mins</td>
<td>Yes</td>
<td>Yes/available</td>
<td>500 x 420 x 500 (for feet)</td>
<td>24 mths</td>
<td>Yes</td>
<td>National</td>
<td></td>
</tr>
<tr>
<td>Tuttnauer 2540 EKAP S</td>
<td>23</td>
<td>Ø254 x 475</td>
<td>4 / 3</td>
<td>5</td>
<td>42 mins</td>
<td>9 mins</td>
<td>Yes</td>
<td>Yes/available</td>
<td>510 x 365 x 500 (for feet)</td>
<td>24 mths</td>
<td>Yes</td>
<td>National</td>
<td></td>
</tr>
<tr>
<td>Tuttnauer 3870 EHS B</td>
<td>85</td>
<td>Ø384 x 760</td>
<td>2 / 15</td>
<td>6 + 2</td>
<td>28 mins</td>
<td>10 mins</td>
<td>Yes</td>
<td>Yes/available</td>
<td>W660xH525xD950 (for pipe)</td>
<td>24 mths</td>
<td>Yes</td>
<td>National</td>
<td></td>
</tr>
</tbody>
</table>

**Soniclean**

Soniclean achieves superior coverage and deep penetration of fine instruments via patented Pulse Swept Power technology, which emits multiple frequency waves versus the standard single frequency waves.

- Very quiet in operation, maintaining a relaxed and professional surgery environment
- Robust, Australian design
- Fully sealed unit, which is easy to clean
- Available in 3, 6 & 10 litre capacities
- Simple to operate

**Aquaclave**

Aquaclave uses highly efficient reverse osmosis membrane technology to produce pure water, for the optimal functioning of your autoclave

- Low energy, low operational expenses
- Convenient - produces 2 litres of pure water per hour
- Includes 11 litre storage tank & plumbing accessories for fitting in your plant room
- Minimum care & low cost servicing: 6 monthly cartridge change & membrane replacement every 3 years
- Includes TDS (total dissolved solids) meter for daily water check

**INFECTION CONTROL - AUTOSLUGS**

**Soniclean**

Soniclean achieves superior coverage and deep penetration of fine instruments via patented Pulse Swept Power technology, which emits multiple frequency waves versus the standard single frequency waves.

- Very quiet in operation, maintaining a relaxed and professional surgery environment
- Robust, Australian design
- Fully sealed unit, which is easy to clean
- Available in 3, 6 & 10 litre capacities
- Simple to operate

**Aquaclave**

Aquaclave uses highly efficient reverse osmosis membrane technology to produce pure water, for the optimal functioning of your autoclave

- Low energy, low operational expenses
- Convenient - produces 2 litres of pure water per hour
- Includes 11 litre storage tank & plumbing accessories for fitting in your plant room
- Minimum care & low cost servicing: 6 monthly cartridge change & membrane replacement every 3 years
- Includes TDS (total dissolved solids) meter for daily water check

**INFECTION CONTROL - ULTRASONIC BATHS & WATER PURIFICATION**

**Ultrasonic Cleaners**

**SONICLEAN**

Soniclean achieves superior coverage and deep penetration of fine instruments via patented Pulse Swept Power technology, which emits multiple frequency waves versus the standard single frequency waves.

- Very quiet in operation, maintaining a relaxed and professional surgery environment
- Robust, Australian design
- Fully sealed unit, which is easy to clean
- Available in 3, 6 & 10 litre capacities
- Simple to operate

**Water Purification System**

**AQUACLAVE**

Aquaclave uses highly efficient reverse osmosis membrane technology to produce pure water, for the optimal functioning of your autoclave

- Low energy, low operational expenses
- Convenient - produces 2 litres of pure water per hour
- Includes 11 litre storage tank & plumbing accessories for fitting in your plant room
- Minimum care & low cost servicing: 6 monthly cartridge change & membrane replacement every 3 years
- Includes TDS (total dissolved solids) meter for daily water check

**INFECTION CONTROL - AUTOCLAVES**

**Tuttnauer Nova B 23 litre class B**

- Easy to operate, reliable. 6 cycles + 2 programmable.
- 2 year warranty with national field support.
- 4 trays or IMS cassettes. Chamber Ø254mm x 450mm
- 15 amp supply for 12 min flash and 30min 134ºC wrapped cycles*
- Built in ink printer and PC RS232 connection. Software available.
- TGA registered and Workcover approved.
- Validation service available.
- Overall dimensions mm W500xH420xD500 (for feet).

**Tuttnauer 2540 EKAP S 23 litre class S**

- Large installation base.
- 2 year warranty with national field support.
- 4 trays or IMS cassettes. Chamber Ø254mm x 450mm
- 9 min flash and 42min 134ºC wrapped cycles*
- Built in printer and PC RS232 connection. Software available.
- TGA registered and Workcover approved.
- Validation service available.
- Overall dimensions mm W510xH365xD500 (for feet).

*Depending on chosen set up and load.

<table>
<thead>
<tr>
<th>Model</th>
<th>Class</th>
<th>Vol. Litres</th>
<th>Chamber dim. mm</th>
<th>Trays IMS</th>
<th>Cycles + test</th>
<th>Time Wrapped*</th>
<th>Time Flash*</th>
<th>Integral Printer</th>
<th>PC port / software</th>
<th>Overall dimensions mm W x H x D</th>
<th>Warranty</th>
<th>Workcover &amp; TGA</th>
<th>Field service cover</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tuttnauer Nova B</td>
<td>23</td>
<td>Ø254 x 475</td>
<td>4 / 3</td>
<td>6 + 2</td>
<td>28 mins</td>
<td>10 mins</td>
<td>Yes</td>
<td>Yes/available</td>
<td>500 x 420 x 500 (for feet)</td>
<td>24 mths</td>
<td>Yes</td>
<td>National</td>
<td></td>
</tr>
<tr>
<td>Tuttnauer 2540 EKAP S</td>
<td>23</td>
<td>Ø254 x 475</td>
<td>4 / 3</td>
<td>5</td>
<td>42 mins</td>
<td>9 mins</td>
<td>Yes</td>
<td>Yes/available</td>
<td>510 x 365 x 500 (for feet)</td>
<td>24 mths</td>
<td>Yes</td>
<td>National</td>
<td></td>
</tr>
<tr>
<td>Tuttnauer 3870 EHS B</td>
<td>85</td>
<td>Ø384 x 760</td>
<td>2 / 15</td>
<td>6 + 2</td>
<td>28 mins</td>
<td>10 mins</td>
<td>Yes</td>
<td>Yes/available</td>
<td>W660xH525xD950 (for pipe)</td>
<td>24 mths</td>
<td>Yes</td>
<td>National</td>
<td></td>
</tr>
</tbody>
</table>
**Prophylaxis**

<table>
<thead>
<tr>
<th>No.</th>
<th>Tip</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Universal</td>
<td>For treating simple cases and gross supra-gingival scaling.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Tangential orientation with respect to the tooth surface.</td>
</tr>
<tr>
<td>2</td>
<td>Voluminous Calculus</td>
<td>For removing voluminous supra-gingival deposits.  Apply flat end to surface of teeth.</td>
</tr>
<tr>
<td>10X</td>
<td>Interproximal</td>
<td>For the treatment of interproximal spaces and for supra-gingival scaling.</td>
</tr>
<tr>
<td>10Z</td>
<td>Sub-gingival</td>
<td>For scaling medium pockets (&lt;4mm).</td>
</tr>
<tr>
<td>10P</td>
<td>Shallow pockets</td>
<td>Fine tip designed for scaling shallow pockets (&lt;3mm).</td>
</tr>
</tbody>
</table>

**Periodontics**

<table>
<thead>
<tr>
<th>No.</th>
<th>Tip</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>H3</td>
<td>Anterior teeth</td>
<td>For the treatment of anterior teeth. The guiding edge is used parallel to the pocket.</td>
</tr>
<tr>
<td>H4L</td>
<td>Premolar and molars</td>
<td>For treatment of all surfaces and furcations. H4L is left angled, H4R is right angled.</td>
</tr>
<tr>
<td>H4R</td>
<td></td>
<td></td>
</tr>
<tr>
<td>H1</td>
<td>Anterior teeth</td>
<td>Diamond coated tip is recommended for simple cases.</td>
</tr>
<tr>
<td>H2L</td>
<td>Premolars and molars</td>
<td>Diamond coated tips for treatment of furcations and very narrow spaces.</td>
</tr>
<tr>
<td>H2R</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Periodontal and Implant maintenance**

<table>
<thead>
<tr>
<th>No.</th>
<th>Tip</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>TK1-1S</td>
<td>Short probe</td>
<td>For examining shallow to moderate pockets (&lt;4mm) and for the maintenance of simple cases.</td>
</tr>
<tr>
<td>TK1-1L</td>
<td>Long probe</td>
<td>For examining and maintenance of moderate to deep pockets (&gt;4mm).</td>
</tr>
<tr>
<td>TK2-1L</td>
<td></td>
<td></td>
</tr>
<tr>
<td>TK2-1R</td>
<td></td>
<td></td>
</tr>
<tr>
<td>TK2-1L</td>
<td>Premolars and molars</td>
<td>Left and right angled mini-tip for maintenance of moderate to deep pockets and furcations.</td>
</tr>
<tr>
<td>TK2-1R</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Endodontics treatment**

<table>
<thead>
<tr>
<th>No.</th>
<th>Tip</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ET18D</td>
<td>Endo treatment, diamond coated</td>
<td>For use in the pulp chamber to eliminate dental overhangs, intra chamber calcifications, temporary fillings and some filling materials.</td>
</tr>
<tr>
<td>ET20</td>
<td>Endo treatment</td>
<td>For interventions in the coronal third to remove root canal fillings, broken instruments or dental debris.</td>
</tr>
<tr>
<td>ET25</td>
<td>Endo treatment</td>
<td>This mini-tip in Titanium-Niobium alloy was designed for delicate interventions in the middle and apical thirds of the canal. Ideal for removing broken instruments and silver points from the most inaccessible areas.</td>
</tr>
<tr>
<td>ETBD</td>
<td>Endo treatment, Ball Diamond tip</td>
<td>For locating calcified canals and exploring the floor of the pulp chamber.</td>
</tr>
<tr>
<td>ETPR</td>
<td>Endo treatment, Post Removal</td>
<td>For loosening root canal retention pins. It is used to extract prosthetics with the integrated irrigation at maximum power and in contact with the element that is being loosened.</td>
</tr>
</tbody>
</table>

**Conservative and restorative dentistry**

**Excavus** range of tips. This range of tips is ideal for creating small-volume proximal cavities that take into account the demands of and performance expected from adhesive conservative dentistry.

**Perfect margin** range of tips is intended for tissue preparation and prosthetic finishing. The surfaces of the Perfect margin tips have been specially designed for each sequence of the procedure, so that the dentinal tissue can be quickly and safely prepared in areas too delicate to use a diamond bur. Their fine, profiled shape enables delicate penetration of the sulcus to finish sub-gingival limits without harming the free gum margin and the biological width.
Gunz handpieces deliver the exact speed and torque to meet the precise demands for all clinical applications. Gunz handpieces may be used on all dental equipment. Gunz have an extensive range of Clinical, Laboratory and specialist handpieces and motors. All Gunz handpieces should be serviced only by Gunz authorised technicians who use genuine factory guaranteed parts. All Gunz handpieces are autoclavable to 135 degrees.

**NSK High Speed – Solid Titanium Lightweight Technology**

NSK Ti-Max X handpieces feature a Solid Titanium body, Ceramic turbine bearings, Clean Head System, Ultra Push chuck, Triple water spray, Quick release rotation coupling, optic or non optic. The optic handpiece’s light source is integrated within the NSK coupling, alleviating the globe from the stresses of repeated autoclaving.

### MODEL ORDER CODE

<table>
<thead>
<tr>
<th>MODEL</th>
<th>ORDER CODE</th>
</tr>
</thead>
<tbody>
<tr>
<td>X500L optic</td>
<td>P495</td>
</tr>
<tr>
<td>X600L optic</td>
<td>P496</td>
</tr>
<tr>
<td>X700L optic</td>
<td>P497</td>
</tr>
<tr>
<td>X15L optic</td>
<td>C602</td>
</tr>
<tr>
<td>X15 non-optic</td>
<td>C612</td>
</tr>
<tr>
<td>X12L optic</td>
<td>C606</td>
</tr>
<tr>
<td>X12 non-optic</td>
<td>C616</td>
</tr>
<tr>
<td>X10L optic</td>
<td>C603</td>
</tr>
<tr>
<td>X10 non-optic</td>
<td>C613</td>
</tr>
</tbody>
</table>

- **4:1 Reduction**
- **10:1 Reduction**
- **16:1 Reduction**

The NSK Care3 Plus automatic handpiece cleaning and lubrication system is the perfect solution for fast and simple in-surgery maintenance of all brands of high, low speed handpieces and air motors. NSK have designed the Care 3 Plus to process up to 3 handpieces in under 2 minutes ready for autoclaving.

**G82 Plus PROGRESS**

Synthetic cleaning lubricant for all high & low speed handpieces, air scalers and air motors.

- Leaves an optimal thin oil film on all metal and ceramic surfaces.
- Provides maximal flushing of built-up debris
- Recommended prior to every autoclave process or daily when a handpiece maintenance system is in use (eg Care 3 Plus)

### NSK Slow Speed Contra Angle

NSK Ti-Max X series handpieces offer the smallest head and the slimmest neck in its class. These design features result in greater treatment site visibility for high precision and safe treatment procedures. The Ti-Max X series handpieces are available in a comprehensive range for multiple applications including conservative procedures, endodontics, prosthetics, prophylaxis and orthodontics. The Ti-Max X series handpieces are available as optic or non optic.

### MODEL ORDER CODE

<table>
<thead>
<tr>
<th>MODEL</th>
<th>ORDER CODE</th>
</tr>
</thead>
<tbody>
<tr>
<td>TiMaxX25L optic</td>
<td>C601</td>
</tr>
<tr>
<td>TiMaxX25 non-optic</td>
<td>C611</td>
</tr>
<tr>
<td>TiMaxX20L optic</td>
<td>C605</td>
</tr>
<tr>
<td>TiMaxX20 non-optic</td>
<td>C615</td>
</tr>
</tbody>
</table>

Northwest High Speed - Northwest is only available in standard head size.
Superior precision gearing technology has resulted in a series of low speed heads and shanks which virtually eliminate vibration and offer low noise during operation. All Gunz handpieces are engineered to offer long term durability under the stresses of repeated autoclaving at 135°C. Detachable heads can reduce inventory and replacement costs over time.

**EX External Water Series Heads and Shanks**

**MODEL** | **ORDER CODE** | **DESCRIPTION**
--- | --- | ---
NM–Y | C247 | • Miniature Head • Latch type • For CA burs (ø2.35 Short Shank) • Max. 30,000 rpm
FFB–Y | C812 | • For FG burs (ø1.6) • Clean Head system • Ultra Push Chuck • Max 40,000 rpm
NR52–Y | C549 | • 10:1 Reduction • For CA burs (ø2.35) • Clean Head system • Ultra Push Chuck • Max. 30,000 rpm
FPB–Y | C875 | • For CA burs (ø2.35) • Clean Head system • Ultra Push Chuck • Max 40,000 rpm
NAC–Y | C032 | • For CA burs (ø2.35) • Latch type • Max 25,000 rpm
BB–Y | C037 | • For CA burs (ø2.35) • Latch type • Max. 40,000 rpm
NBBW–Y | C211 | • For CA burs (ø2.35) • Latch type • With Water Nozzle • Max. 40,000 rpm
AR–Y (K) | C188–001 | • For snap-on cups • Max. 4,000 rpm

**EX heads for prophylaxis applications.**

For attachment to EX handpieces: EC, E4R, E10R, E16R, E64R.

**MODEL** | **ORDER CODE** | **DESCRIPTION**
--- | --- | ---
AR–Y (S) | C187–001 | • For screw-in cups and brushes • Max. 4,000 rpm
EVA–Y | C235–001 | • For Eva tips • Max. 10,000 rpm

**ND Slow Speed Heads and Shanks**

Gunz Dental offers a range of heads and shanks, made in Japan, which are compatible with NSK motors, shanks and heads. The Nakamura range of slow speeds has the versatility to change different heads to one shank to match numerous general clinical applications, therefore alleviating the need for a number of expensive dedicated single purpose hand pieces.

- NSK compatible/interchangeable
- An affordable handpiece solution for Hygienists
- Shanks with smooth surfaces easy to clean!
- Autoclavable to 135°C

**HANDPIECES - HEADS AND SHANKS**

---

**EQUIPMENT**

---
**Wet Model Trimmer**

**FARO**

This versatile unit offers all the features a laboratory expects from a 550W machine. Easily installed to existing plumbing fittings. Grinding discs can be replaced in-house when required. The special solenoid valve automatically starts water flow when the Faro Model Trimmer is turned on, saving water. Dry Model option available.

---

**Laboratory Vibrators**

**ZHERMACK**

For pouring of plaster and investment. Made in Italy these laboratory vibrators offer value for money and reliability as standard. Rubber mat is easily removed for cleaning.

Zhermack Vibrator - Small, A11
EMM-C306300

Zhermack Vibrator - Medium, A12
EMM-C306201

---

** вне啶nymuf EfF**

**ZHERMACK**

Solid aluminium bodywork, equipped with two-speed selector. Small and compact designed to be secured to the work surface. Can be fitted to the CAPPA for a completely integrated lathe solution. 1-year warranty.

---

**Ultimate XL Series Control Units**

**NSK**

The ‘gold standard’ for brushless laboratory micro motors, the NSK Ultimate XL series delivers robust reliability and outstanding performance. The Ultimate XL has a maximum speed capacity of 50,000rpm, while the inbuilt microprocessor provides you with total control over settings and diagnostic programmes. The Ultimate XL Series is available in a variety of configurations to suit any laboratory application as well as space requirements.
**Gold 2X Dust Extraction**

- High speed turbine technology for general purpose dust extraction
- Whisper quiet 55 decibels
- Low maintenance design
- Optional Accumulator captures 95% of all dust
- Additional filtration options
- 1 or 2 station options available
- 1 year warranty

**Pure Breeze Fume Hood and Mobile Unit**

- Air purification system with 4 stage filters
- Effective purification for areas of up to 300 square meters
- HEPA filtration down to 99.97%
- Removes monomer odours and die stone / zirconia particles
- Helps with asthma and other breathing ailments
- Makes the working environment more “healthy”
- Fume Hood Pure Breeze is lightweight and can easily be mounted on walls — needs no exterior venting so perfect for labs and surgeries in high-rise buildings
- Saves on Heating & Cooling costs as these units do not draw air from outside

**New Century Porcelain Furnace**

- Fully automatic programmable furnaces
- Reliable and consistent firing
- 200 programmes available
- Digital display for temp and time
- Excellent start up or back up furnace
- 1 year warranty

**Lab Benches**

- Good looking & Economical
- Complete with integrated air and dust extraction
- Excellent value for money
- W1020 x D 610 x H1650
- Air Pressure 0.2MPa
- Weight 97kg

**Other configurations available on request**
PLANT EQUIPMENT - SUCTION MOTORS

Techno Jet Suction Motor
CATTANI

Cattani carries a full range of suction motors from one to multi-chair surgeries.

- Cattani Separators also available.
- Range of options available including acoustic hood.
- The Tecno Jet: Dry suction motor for up to 3 surgeries.

PLANT EQUIPMENT - AMALGAM SEPARATOR

Turbo SMART Semi Wet Suction Motor
CATTANI

Smarter than fixed speed motors. Turbo SMART is not like other suction systems; it varies its speed according to your surgery requirements. The Turbo SMART’s motor adapts to provide you with consistent high airflow and vacuum, regardless of whether other surgeries are using the suction unit. No more loss of power!

PLANT EQUIPMENT - COMPRESSORS

Werther Albatros Dry

Oil Free Compressors
WERther

Werther compressors are oil free with dryer, supplying nothing but clean dry air, all the time. With a large range of capacities to suit all requirements, and options such as acoustic hoods and covers, we have the right unit for every clinic.

Amalgam Separator
RASCH

Fast Installation, simply place in position and connect 2 hoses, suitable for both wet or dry suction systems.

Features:
- Sedimentation
- Filtration
- Ion-exchange
- Built-in protection against accidental release of amalgam
- No mechanical parts, minimising maintenance
WARRANTIES & SERVICING

Warranty periods do not cover the replacement of perishable parts such as seals and filters which require replacement on a regular basis according to manufacturers’ recommendations.

<table>
<thead>
<tr>
<th>SUPPLIER</th>
<th>PRODUCTS</th>
<th>EQUIPMENT</th>
<th>SPARE PARTS</th>
<th>LABOUR</th>
</tr>
</thead>
<tbody>
<tr>
<td>Beaverstate</td>
<td>Equipment/Spares</td>
<td>5 years</td>
<td>5 years</td>
<td>1 year</td>
</tr>
<tr>
<td>Belmont</td>
<td>Equipment</td>
<td>3 years</td>
<td>1 year</td>
<td>18 months</td>
</tr>
<tr>
<td>Belmont</td>
<td>X-ray</td>
<td>2 years</td>
<td>1 year</td>
<td>1 year</td>
</tr>
<tr>
<td>Cattani</td>
<td>Oil free compressors</td>
<td>5 years</td>
<td>1 year</td>
<td>6 months</td>
</tr>
<tr>
<td>Cattani</td>
<td>Suction Motors</td>
<td>2 years</td>
<td>1 year</td>
<td>6 months</td>
</tr>
<tr>
<td>Creation</td>
<td>Laser</td>
<td>2 years</td>
<td>2 years</td>
<td>2 years</td>
</tr>
<tr>
<td>Custom Air</td>
<td>Wet Ring Suction Motor</td>
<td>2 years</td>
<td>1 year</td>
<td>1 year</td>
</tr>
<tr>
<td>Dent-X</td>
<td>Imaging (Eva)</td>
<td>2 years</td>
<td>1 year</td>
<td>2 years</td>
</tr>
<tr>
<td>Excalibur</td>
<td>Imaging</td>
<td>2 years</td>
<td>2 years</td>
<td>2 years</td>
</tr>
<tr>
<td>Faro</td>
<td>Equipment</td>
<td>1 year</td>
<td>1 year</td>
<td>1 year</td>
</tr>
<tr>
<td>Kodak</td>
<td>Imaging</td>
<td>2 years</td>
<td>1 year</td>
<td>2 years</td>
</tr>
<tr>
<td>ND</td>
<td>Low speed H/P’s</td>
<td>6 months</td>
<td>6 months</td>
<td>6 months</td>
</tr>
<tr>
<td>ND</td>
<td>Low speed heads</td>
<td>3 months</td>
<td>3 months</td>
<td>3 months</td>
</tr>
<tr>
<td>Northwest</td>
<td>High Speed H/P’s</td>
<td>1 year</td>
<td>6 months</td>
<td>1 year</td>
</tr>
<tr>
<td>NSK</td>
<td>High speed H/p’s</td>
<td>1 year</td>
<td>6 months</td>
<td>1 year on h/p only</td>
</tr>
<tr>
<td>NSK</td>
<td>Low speed H/p’s</td>
<td>6 months</td>
<td>6 months</td>
<td>6 months</td>
</tr>
<tr>
<td>NSK</td>
<td>Low speed heads</td>
<td>3 months</td>
<td>3 months</td>
<td>3 months</td>
</tr>
<tr>
<td>NSK</td>
<td>Equipment</td>
<td>1 year</td>
<td>1 year</td>
<td>1 year</td>
</tr>
<tr>
<td>Satelec</td>
<td>Equipment</td>
<td>1 year</td>
<td>1 year</td>
<td>1 year</td>
</tr>
<tr>
<td>Soniclean</td>
<td>Ultrasonic Baths</td>
<td>1 year</td>
<td>1 year</td>
<td>1 year</td>
</tr>
<tr>
<td>Tuttnauer</td>
<td>Autoclaves Benchtop</td>
<td>2 years</td>
<td>3 months</td>
<td>1 year</td>
</tr>
<tr>
<td>Werther</td>
<td>Oil free compressors</td>
<td>5 year</td>
<td>3 months</td>
<td>1 year</td>
</tr>
<tr>
<td>Win 100-D</td>
<td>Imaging</td>
<td>1 year</td>
<td>1 year</td>
<td>1 year</td>
</tr>
</tbody>
</table>

Gunz Dental Pty Ltd Equipment Repairs and Servicing

Gunz Dental has for many years provided a professional, inexpensive repair and service centre for the after sales support of equipment. This repair service is provided in house and field or when necessary facilitates your repair back to manufacturer. Our service technicians are experienced and factory trained who are constantly updating their skills and knowledge with the introduction of new technology into the market place.

This is our promise to you.

Where a repair is carried out within our service department we aim to return your repair back to you within seven days of receipt. If the repair is delayed longer than seven days you will be advised and provided an estimated time frame of when the repair will be returned.

During the repair process our service technicians will also evaluate your equipment to check for potential future servicing or repair needs, you will be contacted to ascertain whether you wish us to proceed with such repairs. Gunz Dental service team use only manufacturer’s genuine parts.

If a repair is required to be returned back to the manufacturer you will be contacted to ascertain whether you wish the repair to proceed. We will endeavor to have it returned back to you within six weeks. The manufacturer on receipt of the repair will advise Gunz Dental of any charges relating to your repair and subsequently we will contact you and provide an estimate for your approval. We will not proceed with any unauthorised repairs.

In the situation of a mission critical field breakdown we aim to respond and be on site and affect the repair to allow next day functioning of the failed equipment.

Please do not hesitate to contact the Gunz Service department for any assistance that you made need for repairs or servicing of your equipment.
### EQUIPMENT PACKAGE CONSUMABLES

<table>
<thead>
<tr>
<th>BRAND</th>
<th>ITEM</th>
<th>SUGGESTED QTY INITIAL ORDER WITH CHAIR AND UNIT PACKAGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Belmont</td>
<td>Vacuum Tip A-Type (15 degrees)</td>
<td>3 of Each</td>
</tr>
<tr>
<td>Belmont</td>
<td>Vacuum Tip B-Type (90 degrees)</td>
<td>3 of Each</td>
</tr>
<tr>
<td>Progress</td>
<td>Aspirator Tips White</td>
<td>1 Pack of 100</td>
</tr>
<tr>
<td>Progress</td>
<td>Aspirator Tips Green</td>
<td>1 Pack of 100</td>
</tr>
<tr>
<td>Progress</td>
<td>Saliva Ejector Tips</td>
<td>1 Pack of 100</td>
</tr>
<tr>
<td>Dentalife</td>
<td>Clinicare Detergent Towelettes #DL2610Z</td>
<td>1 Tub</td>
</tr>
<tr>
<td>Medicom</td>
<td>Tissue Ploy &amp; Non-Woven Head Rest</td>
<td>1 Pack of 500</td>
</tr>
<tr>
<td>Medicom</td>
<td>Cover White 10&quot; x 10&quot; (25cmx25cm)</td>
<td>1 Pack of 500</td>
</tr>
<tr>
<td>Medicom</td>
<td>Tissue Ploy &amp; Non-Woven Head Rest</td>
<td>1 Pack of 500</td>
</tr>
<tr>
<td>Medicom</td>
<td>Cover White 10&quot; x 13&quot; (25cmx33cm)</td>
<td>1 Pack of 500</td>
</tr>
<tr>
<td>Medicom</td>
<td>Syringe Sleeve with Opening 2.5&quot; x 10&quot; (64mm x 254mm)</td>
<td>1 Pack of 500</td>
</tr>
<tr>
<td>Medicom</td>
<td>Syringe Sleeve with Opening/Adhesive 2.5&quot; x 11.5&quot; (64mm x 292mm)</td>
<td>1 Pack of 500</td>
</tr>
<tr>
<td>Medicom</td>
<td>Syringe Sleeve without Opening 2.5&quot; x 10&quot; (64mm x 254mm)</td>
<td>1 Pack of 500</td>
</tr>
<tr>
<td>Beaverstate</td>
<td>Syringe Tip</td>
<td>1 Pack of 5</td>
</tr>
</tbody>
</table>
# New Surgery Planning Guide
*(developed with the assistance of Levitch Design)*

<table>
<thead>
<tr>
<th>What I Should Do?</th>
<th>Why</th>
<th>Time frame to completion</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Assess Existing Premises</strong></td>
<td>Do they accurately reflect the standard of service provided? Do they support the growth of the practice? What do they “communicate” to my patients at present?</td>
<td>1yr &gt; 8 months – renovation 18 months + – build</td>
</tr>
<tr>
<td><strong>Prepare Plan</strong></td>
<td>When to do it prevents inappropriate ad hoc decision making.</td>
<td>1yr &gt; 8 months – renovation 18 months + – build</td>
</tr>
<tr>
<td><strong>Refurbish or Relocate</strong></td>
<td>Take a broader view deciding on appropriate premises. Much can be done with existing property.</td>
<td>The more time the better result.</td>
</tr>
<tr>
<td><strong>Lease or Purchase</strong></td>
<td>Whether flexibility or investment is top of the list.</td>
<td></td>
</tr>
<tr>
<td><strong>Finance Options</strong></td>
<td>Establishes the parameters of what you can look for.</td>
<td></td>
</tr>
<tr>
<td><strong>When to do it</strong></td>
<td>Time the project in line with end of lease, or allow time to locate alternative premises.</td>
<td></td>
</tr>
<tr>
<td><strong>Prepare Shortlist of Options</strong></td>
<td>Ideal premises can be hard to find. Especially if pressured for time, you may need to decide what can be compromised.</td>
<td>1yr &gt; 8 months – renovation 18 months + – build</td>
</tr>
<tr>
<td><strong>Find finance</strong></td>
<td>Try to include clauses which serve your needs such as delayed settlement or rent free period through planning subject to council approval for dental usage, contribution to fit out if leasing.</td>
<td>1yr &gt; 8 months – renovation 18 months + – build</td>
</tr>
<tr>
<td><strong>Negotiate financials</strong></td>
<td>To make the dream come true.</td>
<td></td>
</tr>
<tr>
<td><strong>Select Support Team</strong></td>
<td>Reduce the stress on you throughout the process. Leave you free to do your job – Dentistry.</td>
<td>18 &gt; 8 months</td>
</tr>
<tr>
<td><strong>Architect / Designer / Project manager</strong></td>
<td>Allow time for process of development approval (DA). Will support you in choosing appropriate premises pointing out technical and installation issues, product configuration to achieve the best result. Professional assistance will assist in achieving a professional result which will function at its optimum, attract patients, increase treatment plan acceptance, make your working day easier.</td>
<td>12 &gt; 3 months</td>
</tr>
<tr>
<td><strong>Builder (experience in Dental a major advantage when selecting consultants)</strong></td>
<td>Shop around for Dental Equipment Use experience to find the right product. To ensure availability when required. To ensure necessary services will be accommodated during construction. To complete your budget for financing. Look for experience, longevity and offer sales support.</td>
<td>12 &gt; 3 months</td>
</tr>
<tr>
<td><strong>Select IT Equipment</strong></td>
<td>To ensure availability when required. To ensure necessary cabling will be accommodated during construction, to complete your budget for financing.</td>
<td>6 &gt; 3 months</td>
</tr>
<tr>
<td><strong>Select Dental Supplier</strong></td>
<td>Will help you decide technically what products and services your configuration will need, may also help you organise product availability to maximise cash flow. Will also help with trades. Get advice on consumables. Allow half a day.</td>
<td>12 &gt; 2 months 2 &gt; 1 month</td>
</tr>
<tr>
<td><strong>Marketing</strong></td>
<td>Develop a marketing plan with advertising, networking, pricing etc.</td>
<td></td>
</tr>
<tr>
<td><strong>Recruit New Staff Needed</strong></td>
<td>If you advertise well in advance, you leave yourself time to interview and find the best people for the job. It also gives them time to be involved in the planning and occupation as required.</td>
<td>3 &gt; 2 months</td>
</tr>
<tr>
<td><strong>Make Time Available Each Week</strong></td>
<td>Schedule approximately 2 hours per week to meet with your consultants throughout the project as required • Agents • Financiers • Designers • Suppliers • Builders • Installers</td>
<td>10 months – building 3 months – renovation</td>
</tr>
<tr>
<td><strong>Prior to Occupation</strong></td>
<td>Allow approx 1 week from builder’s planned completion for; Builders to rectify defects Installers to install equipment Clinical clean prior to use Staff hand over on new equipment</td>
<td>2 weeks 1–2 days 2–4 days 1 day 1 day</td>
</tr>
<tr>
<td><strong>Occupation</strong></td>
<td>Physical relocation and occupation can generally be carried out over a couple of days.</td>
<td>3 &gt; 2 days</td>
</tr>
<tr>
<td><strong>Welcome Your First Patient</strong></td>
<td>The first few weeks will be both exciting and stressful in seeing patients in an unfamiliar environment. Allow yourself a little more time for appointments throughout this initial period to allow you and your staff to settle in. Book a light day on the first day.</td>
<td></td>
</tr>
</tbody>
</table>
Everything you need
To Practice Your Profession