Leading Dental Equipment Sales is a Brisbane based sales company offering only Leading brand names, with a focus on quality back up and ongoing support. We are a proud corporate member of the ADIA, “Representing Dental Industry Excellence”. Reliability is key to our product range, combined with functionality and a range of options suited to today’s modern surgery.

**Our Services Include:**

- Sales  
- Service  
- Remote and on site IT Support  
- Installations  
- Phone Sales  
- On site Equipment Audits  
- Online Store Sales  
- Show room appointments  
- Consumables and Spare Parts  
- Customised ordering forms and systems  
- On site meetings  
- Access to a wealth of expert knowledge and advice. Just Ask.
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PLEASE NOTE: THIS IS A SMALL CROSS SECTION OF OUR EQUIPMENT RANGE. PLEASE CONTACT US FOR MORE DETAILS.
Belmont Clesta e III
Ultimate Air System Dental Unit

The combination of electro hydraulic and air operation systems ensures a high standard of reliability and safety. Through perfect balance of an ergonomically designed chair and unit, The Clesta e III offers smart interfaces and operational ease.

- All Hydraulic system enables a wide range of lift heights (420mm up to 800mm)
- Touchless sensor on/off LED dental light
- Double articulated headrest suitable for children and adults
- Large operational doctors table ensures ease of use
- Flexible floor box to accommodate front/side plumbing

Handpieces shown are for illustration purposes only, we will customise specifically to your needs. Ask us about optional extras.
Belmont combines cutting edge technology with traditional values for a dental treatment centre that offers sophistication, performance, flexibility and above all durability. The hydraulic devices in all Belmont chairs offer the advantages of high power with a quiet and smooth operation.

- Clean station, built-in service box eliminates the use of external umbilical hoses
- Adjustable chair positioning offers a wide range of practical working environments
- Assistant console includes 3-way syringe, vacuum and saliva ejector
- Touchless sensor on/off LED dental light
- Integrated cuspidor, attractive smooth surface makes it easy to clean.

Over-patient versatility for comfortable single- and four-handed working positions

Handpieces shown are for illustration purposes only, we will customise specifically to your needs. Ask us about optional extras.
Belmont Quolis
Left/Right Treatment Centre

The Belmont Quolis is designed as a dental Treatment Centre that meets the needs of the entire professional team. Combining technology, style and functionality, the Quolis bridges the gap between what has been available and what your team wants.

- Change from Left to Right operation with ease
- Double articulated headrest allowing for easily positioning the patients head for excellent access to upper and lower archers
  - Seat and backrest positioning are controlled by built-in touchpads that can be controlled from Operational table or from the assistance side
- A separate floorbox allows for flexibility
- Flexible treatment centre
- Modern ergonomic design
- LED touchless sensor light
- Electronic control pad for ultimate control of integrated devices
- Unique pivot function
- Optional Cuspidor

Handpieces shown are for illustration purposes only, we will customise specifically to your needs. Ask us about optional extras.
Belmont CP-One Plus

Thinking of All

CP-ONE PLUS is a dental unit thought out from all perspectives of communication, patient comfort, and operator comfort. This is an ideal treatment environment, CP-ONE PLUS is a “Thinking of All” dental chair and unit, the answer to dentists' aspirations, made possible only through the fusion of expertise and technological leadership of Takara Belmont.

> Sitting down and getting up is easier for children, the elderly, and those with limited mobility, as the chair can be accessed either from the side or directly from the front.

> The doctor table can be smoothly moved for the 6 to 2 o’clock position. Furthermore, with the expanded assistants area, it is compatible with 2-hand, 4-hand, and 6-hand operations.

> Versatile function with a simple intuitive control panel and highly viewable organic EL display.

> Maximum 4 holders available
   Each hand-piece holder is detachable and autoclavable.

> LED dental light 900 is prepared as the standard specification.
Belmont Pro II
Knee Break / Knee Bend Dental Chair

- Easy access for elderly or wheelchair users. It’s just like sitting in a regular seat, no raising of legs etc.

- Great for face to face consult and easy access from the front of the patient.

- Very small footprint when in the zero / upright position, which improves the flow of the room and can make a small room look far more spacious.

- It looks less clinical and is far less threatening to the patient.

- Less foot pedals and devices cluttering the floor. All movements are controlled via joystick controls on the rear of the chair. Plus optional Electric headrest foot pedal on the 039 model.

- 220 degree pivoting movement with swing out arm rests

- Automatically reclines and extends legs rest to become a conventional style chair.

- A dental unit, spittoon and or light can be bolted to the chair or used as a stand alone model.
Belmont Clair
Knee Break / Knee Bend Dental Chair

A very Patient-friendly chair offering the most pleasant consultation position possible within a very compact footprint. The unique, folding and extending leg rest provides the easiest Patient entry/exit via the front or either side of the Clair chair, assisted by foldaway, detachable armrests. Wheelchair access from either side of the chair is also made possible by Clair chair’s unique combination of an inclined chair and opened armrest. Synchronised chair movements without vibration offer supreme comfort by not over-extending or compressing the patient’s spine.

- A folding knee break leg rest chair, the Clair 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
- 180° folding arm rests permitting easy access for elderly and wheelchair bound patients
Reliability - Think Ahead

100% Japanese Made
INCludes Three Year Equipment Warranty

Knee Break Chair Delivery Options

Belmont Clair + Clesta II Pedestal
Belmont Clair Chair Available with Clesta II Pedestal Delivery System

Belmont Pro II + e III Delivery
Belmont Pro II Chair Available with Clesta eIII Delivery System

leadingdental.com.au Ph: 07 3139 1549
Carts and Deliveries

CONTACT US TODAY ABOUT FULL SURGERY SET UPS.

We offer a wide range of custom options through the use of carts, wall deliveries and accessories from leading manufacturers including D.C.I, Forest and Beaverstate.

leadingdental.com.au  Ph: 07 3139 1549
Doctors and Assistants Stools

The Bambach Saddle Seat ensures customers achieve optimum posture when seated by maintaining the spine’s natural ‘S’ shape, with the pelvis in its neutral position, the back is relaxed and the body is free of tension, ensuring that quality of health is maintained when seated.

The Bambach Saddle Seat can help make those aches and pains caused by sitting for long periods of time a thing of the past.
STEP 1 - SELECT SIZE OF SEAT
All seats are tested to the requirements of Australian and New Zealand standards (AFRDI) - level 6/severe commercial, to carry a weight up to 200kgs. Following is a description of our seat sizes and their recommended use ONLY.

<table>
<thead>
<tr>
<th>Size</th>
<th>Small</th>
<th>Medium</th>
<th>Narrow</th>
<th>Large</th>
</tr>
</thead>
<tbody>
<tr>
<td>Child</td>
<td>Up To 13 Yrs</td>
<td>14 Yrs +</td>
<td>14 Yrs+</td>
<td>N.R.</td>
</tr>
<tr>
<td>Female</td>
<td>Up To 165 cm</td>
<td>Up To 180 cm</td>
<td>160-170 cm</td>
<td>Plus Sizes</td>
</tr>
<tr>
<td>Male</td>
<td>Up To 173 cm</td>
<td>Up To 173 cm</td>
<td>N.R.</td>
<td>Over 173 cm</td>
</tr>
</tbody>
</table>

STEP 2 - SELECT GAS STEM SIZE
Gas Stem for your height range

<table>
<thead>
<tr>
<th>Customer Height</th>
<th>Gas Stem</th>
</tr>
</thead>
<tbody>
<tr>
<td>130 - 145 cm</td>
<td>LOW 100 mm</td>
</tr>
<tr>
<td>145 - 163 cm</td>
<td>MED 140 mm</td>
</tr>
<tr>
<td>160 - 191 cm</td>
<td>STD 200 mm</td>
</tr>
<tr>
<td>191 cm +</td>
<td>DRFT 270 mm</td>
</tr>
</tbody>
</table>

STEP 3 - SELECT CASTOR/WHEEL TYPE
Each seat is made specifically for the floor type it will be used on. Use the table below as a guide to selecting the correct Castor Type for your seat.

<table>
<thead>
<tr>
<th>Castor Type</th>
<th>Suitable For</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard</td>
<td>Carpet</td>
</tr>
<tr>
<td>Soft</td>
<td>Hard Surfaces, Vinyl, Timber, Slate</td>
</tr>
</tbody>
</table>

STEP 4 - CHOOSE YOUR SEAT COLOUR
Choose a standard or specialty colour from the range below. Specialty colours incur an extra $150 fee.

Standard Colours

Specialty Colours

Sheepskin Covers also available at additional cost
Doctors C Ergo Operating Chair

The adjustable backrest has been designed to reduce the likelihood of backache when the chair is used for extended periods of time - the seat design assists circulation in the thighs and reduces the occurrence of cramps resulting from prolonged sitting.

Features:
> Posture-matic
> Centre push-button type
> Fully ergonomic

<table>
<thead>
<tr>
<th>Min. Seat Height</th>
<th>Max. Seat Height</th>
</tr>
</thead>
<tbody>
<tr>
<td>490 mm</td>
<td>620 mm</td>
</tr>
</tbody>
</table>

Assistants B Stool with Revolving Abdominal Support (inc foot ring)

Features:
> Up and down adjustment and revolving abdomen support.
> Left-hand and right-hand versions available.

<table>
<thead>
<tr>
<th>Min. Seat Height</th>
<th>Max. Seat Height</th>
</tr>
</thead>
<tbody>
<tr>
<td>520 mm</td>
<td>670 mm</td>
</tr>
</tbody>
</table>
**Multi Pad**

The NSK Multi Pad uniquely enables control of the NLX nano and NLX plus electric Micro Motors and also the Varios 170 ultrasonic scaler - all in one system.

NSK’s Multi Pad can also be used to control all functions of the Varios 170 ultrasonic scaler. The Multi Pad auto selects the motor or scaler in use. At the touch of a button control speed, torque and gear ratios to suit specific clinical procedure. The Multi Pad can store up to eight individual programs (motor only). NSK Multi Pad is designed to integrate into most brands of new or older dental units.

**Mini Electric Micro Motors**

- **Ti-Max X205L**
  - The Ti-Max X205L delivers a powerful, smooth and quiet rotation, with loads of torque at all variable speeds. Connect to all brands of E-type optic and nonoptic contra-angle handpieces.
  - 1:1 Direct Drive
  - > Internal Spray
  - > LUX Coupling
  - > Non-Retraction Valve
  - > Max. 20,000 min⁻¹
  - > Forward and reverse direction

- **S-Max M205**
  - The S-Max M205 presents an economical micromotor that connects direct to your existing hose. All brands of E-type non-optic handpieces readily connect for optimum performance.
  - 1:1 Direct Drive
  - > Stainless Steel Body
  - > Internal Water Spray
  - > Max. 25,000 min⁻¹

- **FX205 M4**
  - The FX205 M4 presents an economical micromotor that connects direct to your existing hose. All brands of E-type non-optic handpieces readily connect for optimum performance.
  - 1:1 Direct Drive
  - > External Water Spray
  - > Max. 25,000 min⁻¹
  - > Aluminium
High Speed Couplings
& Handpieces

Couplings

NSK LED Coupling
LED Optic
Also available with water control

Model FM-CL-M4
Non Optic

Model KCL-LED
LED Optic
For KaVo MULTIflex LUX with water volume adjuster

High Speed Turbines

Ti-Max X450L Optic

Unique 45-degree angled head provides incredible accessibility.

The slim-form Ti-Max X450 series possesses a unique 45-degree angled head specially designed to access hard-to-reach areas for sectioning and extraction of third molars and other impacted teeth. The X450’s robust 21 watts of cutting power and effective cooling system - featuring triple waterjets - ensure safe and effective treatment during a variety of surgical procedures.

S-Max Pico

The NSK S-Max pico series has been developed for the operation of Minimal Intervention (M.I). The ultra mini head and super slim handpiece design is the result of fine NSK precision engineering allowing a wider view of the operational field, and greater flexibility for dexterity.

S-Max Pico

Power: 9W
Speed: 380,000 - 450,000 min⁻¹
Head Size: Ø 8.6 x H 9.0 mm
Stainless Steel
Ceramic Bearings
ISB Turbine
Single Spray Water
Interchangeable Cartridge
Clean Head System
Cellular Glass Optics
Accessory Bur Set
**NSK High Speed Handpieces**

**Ti-Max Z900L - Standard Head**

- Power: 26W
- Speed: 320,000 - 400,000 min⁻¹
- Head Size: Ø 12.5 x H13.1 mm
- Titanium Body & DURAGRIP
- Ceramic Bearing
- Push Button Chuck
- Quattro Water Spray
- Microfilter
- Clean Head System
- Cellular Glass Optics

**Ti-Max Z800L - Miniature Head**

- Power: 23W
- Speed: 360,000 - 440,000 min⁻¹
- Head Size: Ø 10.8 x H12.1 mm
- Titanium Body & DURAGRIP
- Ceramic Bearing
- Push Button Chuck
- Quattro Water Spray
- Microfilter
- Clean Head System
- Cellular Glass Optics

The Z Turbine delivers consistent power, and due to its ergonomic design it is easier to handle and gives a more comfortable patient experience.

**Available Couplings from Other Manufacturers**

<table>
<thead>
<tr>
<th>Manufacturer</th>
<th>KaVo</th>
<th>Sirona</th>
<th>W&amp;H</th>
<th>Bien-Air</th>
</tr>
</thead>
<tbody>
<tr>
<td>Model</td>
<td>Z800KL/Z900KL</td>
<td>Z800SL/Z900SL</td>
<td>Z800WL/Z900WL</td>
<td>Z800BL/Z900BL</td>
</tr>
<tr>
<td>Couplings</td>
<td><img src="image1.png" alt="KaVo Coupling" /></td>
<td><img src="image2.png" alt="Sirona Coupling" /></td>
<td><img src="image3.png" alt="W&amp;H Coupling" /></td>
<td><img src="image4.png" alt="Bien-Air Coupling" /></td>
</tr>
</tbody>
</table>

**S-Max 600L - Standard Head**

- Power: 20W
- Speed: 360,000 - 430,000 min⁻¹
- Head Size: Ø 12.1 x H13.3 mm
- Stainless Body
- Ceramic Bearing
- Push Button Chuck
- Quattro Water Spray
- Interchangeable Cartridge
- Clean Head System
- Cellular Glass Optics

**S-Max 500L - Miniature Head**

- Power: 16W
- Speed: 380,000 - 450,000 min⁻¹
- Head Size: Ø 10.6 x H 12.4 mm
- Stainless Body
- Ceramic Bearing
- Push Button Chuck
- Quattro Water Spray
- Interchangeable Cartridge
- Clean Head System
- Cellular Glass Optics

S-Max M series air turbines feature unrivaled cutting performance, a slim ergonomically designed body and excellent visibility. It has been developed to realize what dentists need in their practice.

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### NSK Low Speed Handpieces

We stock the full range of NSK handpieces. Below are a list of the most popular handpieces available.

<table>
<thead>
<tr>
<th>Handpiece</th>
<th>Reduction/Increasing</th>
<th>Features</th>
</tr>
</thead>
<tbody>
<tr>
<td>FX57</td>
<td>Reduction</td>
<td>Optic: 4:1 Reduction - For Screw-in Cups and Brushes - 360° Rotation - Paste Defense System - Max Speed: 5,000 min⁻¹</td>
</tr>
<tr>
<td>FX15</td>
<td>Reduction</td>
<td>4:1 Reduction - Latch type prophyl cups - For CA burs (Ø 2.35) - Push Button Chuck - Max Speed: 10,000 min⁻¹</td>
</tr>
<tr>
<td>Ti-Max Z95L</td>
<td>Increasing</td>
<td>Optic: 1:5 Increasing - Quattro Spray - For FG burs (Ø 1.6) - Max Speed: 200,000 min⁻¹ - Head Size: 13.4mm length</td>
</tr>
<tr>
<td>S-Max M95L</td>
<td>Increasing</td>
<td>Optic: 1:5 Increasing - Quattro Water Spray - For FG burs (Ø 1.6) - Ceramic Bearings - Max Speed: 200,000 min⁻¹ - Head Size: 13.8mm length</td>
</tr>
<tr>
<td>Optic Z45L</td>
<td>Increasing</td>
<td>1:4.2 Increasing - Two-way spray function - For FG burs (Ø 1.6) - Ceramic Bearings - Max Speed: 168,000 min⁻¹</td>
</tr>
<tr>
<td>Ti-Max Z25L</td>
<td>1:1 Drive</td>
<td>Optic 1:1 Direct Drive - Single Spray - For CA burs (Ø 2.35) - Max Speed: 40,000 min⁻¹</td>
</tr>
<tr>
<td>S-Max M25L</td>
<td>1:1 Drive</td>
<td>Optic 1:1 Direct Drive - Single Water Spray - For CA burs (Ø 2.35) - Max Speed: 40,000 min⁻¹</td>
</tr>
<tr>
<td>FX25</td>
<td>1:1 Drive</td>
<td>Optic 1:1 Direct Drive - For CA burs (Ø 2.35) - Push Button Chuck - Ball Bearing - Max Speed: 40,000 min⁻¹</td>
</tr>
<tr>
<td>FX65</td>
<td>1:1 Drive</td>
<td>Optic 1:1 Direct Drive - For HP burs (Ø 2.35) - Max Speed: 40,000 min⁻¹</td>
</tr>
</tbody>
</table>

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**SOLID TITANIUM**

Exceptionally Durable Handpiece Series

- The Highest Durability in its class (optimal gear shape and special diamond coated gears (DLC))
- The Smallest head and slimmest body in its class
- Superior Visibility and Better Access
- Amazingly quiet operation

**STAINLESS STEEL**

Performance Handpiece Series

- Stainless Steel Slim Body
- Cellular Glass LED Optics
- NSK Patented Clean Head System
- No Vibration Integrated Shaft Bearings on Turbine Handpieces
- Ceramic Bearings for extra durability
- Push Button Chuck for easy bur release

**STAINLESS STEEL/ALUMINIUM**

Economy Plus Handpiece Series

- Stainless Steel Head/Aluminium Body
- Integrated Handpiece

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Oral Hygiene

Prophy-Mate Neo
Air Polishing System

Enhanced Prophy-Mate neo unites form and functionality for easier use. Excellent weight balance and a lightweight, compact powder chamber make Prophy-Mate neo comfortable to hold, while the original NSK handpiece connection swivels 360° even under strong air pressure. Effortless operation shortens time for treatment of plaque and stains. 60° and 80° nozzles are available.

- Removal of plaque and discolouration
- Etching of enamel, dentine and porcelain prior to bonding
- Sturdy and reliable
- Easy maintenance
- Simple to operate

Perio-Mate Bio Film Eraser

Perio-Mate is used in the treatment of periodontal pockets and peri-implantitis. Avoiding injury to the soft tissues and root surfaces inside delicate periodontal pockets during cleaning procedures is crucial. The Perio-Mate’s ultrafine water spray and glycine-based Perio-Mate Powder team up to gently eradicate biofilm in periodontal pockets in just 20 seconds.

Air n Go
The first dual purpose air polisher

AIR-N-GO is all-inclusive and very versatile. This device consists of a convertible handpiece available in SUPRA and PERIO versions that are compatible with high-performance powders. AIR-N-GO is the only air polisher available that associates “Beauty” with “Health” for the well-being of your patients.

SUPRA Version

The Beauty: for perfect cosmetic results, thanks to a fast, effective and painless polishing that is gentle to the gingiva and teeth.

PERIO Version

The Health: for a simple and efficient way to treat periodontal diseases and peri-implantitis sub-gingivally.
NEWTRON® P5

Equipped with B.LED technology, the latest ACTEON® SATELEC® clinical innovation for the detection and treatment of dental plaque, the NEWTRON® P5 ultrasonic generator will revolutionize your daily work. Maximize your working time and your efficiency by being guided by the features of your new generation ultrasonic devices.

When design gets along with ergonomics and hygiene

NEWTRON® P5 will charm you with its elegance as well as its ergonomics.

- Inclined front panel for better visibility and access to settings
- Power knob easy to use even with gloves
- New handpiece holders
  - Customizable: can be installed on the front or side of the device
  - In silicone, allowing two handpiece rest positions
- Soothing lights diffusion highlighting the power chosen according to the Color Coding System™

NEWTRON® P5 is also answering hygiene needs by ensuring to the system an easy decontamination and a total watertightness.

- Flat surface in glass
- Detachable power dial
- Detachable and autoclavable silicone handpiece holders

B.LED technology, a new vision for scaling

Simultaneously detecting and removing dental plaque is now possible thanks to the B.LED technology, exclusive ACTEON® SATELEC® innovation. The F.L.A.G.™ for B.LED plaque discloser, applied directly on teeth with brushes, will become fluorescent under the blue light of the NEWTRON® SLIM B.LED handpiece.

- Areas to be scaled are clearly identified
- Scaling procedure is guided and optimised
The technological and clinical innovations built into NEWTRON® P5XS will support you in gentle, effective treatments and sustainable use of your tips. The NEWTRON® P5XS is designed to facilitate your daily work while improving patient’s wellness.

**A design studied to answer ergonomics and hygiene requirements**

- NEWTRON® P5XS provides aesthetic pleasure as well as improves ergonomics.
- Inclined front panel for better visibility offering effortless interaction and easier access to settings.
- Large power knob easy to operate even whilst wearing gloves.
- New graduated tank and lid
  - no risk of overflow
  - visibility of volume used
- Irrigation setting easily accessible in front of the device.
- New handpiece holders
  - Customizable: can be installed on the side or in front of the device
  - Silicone cradles allow multiple rest positions and prevent falls.
- Luminous power button: soothing lights to enhance the settings display.

**Get peace of mind with the Bluetooth remote control**

Ask for the Bluetooth option on your NEWTRON® P5XS and remotely configure your machine from your smartphone or tablet.

Take control with the P5XS app and just let yourself be guided.

- You or your assistant can change the adjustments.
- Modify power and irrigation settings and activate the purge.
- Get the guarantee of optimal, sustainable use of your tips.
- Preserve your patient’s comfort with a gentle, pain-free treatment.
Satelec is a world leader in development, design and manufacture of the most sophisticated range of high-power ultrasonic generators. Satelec tips are an essential part of the entire ultrasonic system, designed to provide enhanced power vibration, and adapt to the clinical situation, providing the practitioner with the best possible performance. They feature a patented Colour Coding System that helps the end-user to select the best power level for each clinical application. Acclaimed as a top product in more than 135 countries, Satelec tips are designed to respect the tooth’s anatomy and vibrate in perfect harmony with the handpiece.

We sell the complete range of Satelec tips and files. Below are the 10 most popular.

**N#1 Prophylaxis tip**
“Universal”. Recommended for treating simple cases and gross supra-gingival scaling.

**N#10P Prophylaxis tip**
“Shallow pockets”. Fine tip designed for scaling shallow pockets (<2-3mm).

**N#10S Prophylaxis tip**
“Slim”. This tip was developed for supra- and sub-gingival scaling.

**PH1 Periosoft tip**
“Shallow pockets”. Fine tip designed for scaling shallow pockets (<2-3mm).

**ET20 Endodontic tip**
“Universal retreatment tip”. Stainless steel mini-tip used for retreatment in the coronal third of the root canal.

**ET25 Endodontic tip**
“Retreatment Mini-Tip”. Most widely recommended mini-tip for retreatment in the middle and apical thirds.

**N#10X Prophylaxis tip**
“Interproximal”. Recommended for the treatment of interproximal spaces and for supra-gingival scaling.

**H3 Prophylaxis tip**
“Anterior teeth”. Universal curette shape. Easy to use in most treatments, particularly anterior teeth.

**Irrisafe Passive Ultrasonic Irrigation 25-21 Files**
The Ultrasonic revolution in Passive Irrigation.

**Plus More**

ASK US ABOUT GREAT VALUE KITS ALSO AVAILABLE

OVER $1500 VALUE!

4 X DYNAMOMETRIC WRENCHES
4 X TIPS - 1S, H3, H4L, H4R
1 X AUTOCLAVABLE BOX

OVER $1100 VALUE!

4 X DYNAMOMETRIC WRENCHES
4 X TIPS - 1S, 10X, H3
1 X AUTOCLAVABLE BOX
All Available Satelec Tips
**Varios Scalers**

Traditional NSK precision technology transforms the power and versatility of Piezo Scalers. Presenting the NSK Varios series, available with twin LED shadowless illumination as an option. The NSK iPiezo engine assures stable power output by automatically adjusting to the optimal frequency as the sensor monitors the load at the tip. The slimmer, autoclavable handpieces are the slimmest and lightest of all handpieces. The large range of quality precision tips, in popular patterns, covers all treatment applications.

**Varios 370**
- LED Illumination
- Benchtop Multi Function Ultrasonic Scaler

**Varios 570**
- Benchtop Multi Function Ultrasonic Scaler Complete Set

NSK offers a wide choice of Varios Ultrasonic Scaler Tips for a variety of clinical applications.

**Taskal Wizard**

TASKAL Wizard is a rechargeable-battery-driven micromotor for prophylaxis procedures. Its slim, lightweight and well-balanced body design offers excellent operability and comfort in use, helping to reduce hands fatigue in prolonged prophylaxis procedures. TASKAL Wizard delivers smooth and powerful torque with 18 selectable speed settings.
Softly

Softly is a universal high speed mixer for pre-measured capsules (amalgam, glass ionomer). It is controlled by a microprocessor which ensures precise repeatability of the selected time to ensure you a controlled consistent mix. Softly is very stable, extremely quiet, and very easy to clean and maintain.

Advantages
- High mixing frequency
- Noiseless operation
- Excellent stability
- Full electrical safety
- Ergonomic design
- Easy to Clean

Curing Lights

Mini LED™

The latest generation L.E.D. (Light Emitting Diode) curing lights offer all that is expected of this new technology and the most recent design developed by Satelec® combines power, efficiency and speed. Its power (1,250mW/cm²) is greatly superior to that of most halogen lamps and nearly as efficient as plasma lamps, without raising the temperature. It emits light in the most efficient part of the spectrum, suiting all types of composites currently available. It takes only 6 to 12 seconds to polymerize 3mm of any composite.

Specifications
- Size: Ø 23 x 200mm
- Weight: 190g
- Intensity: 1,100 mW/cm²

Mini LED™ Supercharged - With 3 Second Cure

Use of 3 different modes gives you the flexibility to polymerize virtually all types of composites, bonding agents and sealants available on the market. The Mini LED™ SuperCharged has a unique memory function that stores the most recently used configuration of mode and function.

Specifications
- Size: Ø 24 x 201mm
- Weight: 160g
- Intensity: 2000 mW/cm²
Endo-Mate AT

Features
This compact endodontic motor has a wide range of torque and speed settings, allowing use of Ni-Ti files from virtually all major manufacturers.
- Fits major brands of files
- Torque control, with an auto-reverse function
- Compact and stylish design desktop unit
- Wide screen provided high visibility
- Flat control panel allows simple and user-friendly operation
- Lightweight, smart and high visibility handpiece

Endo-Mate TC2

Cordless
A large LCD, simple 5-key operation and a lightweight, cordless handpiece assure easy use even during the most delicate endodontic procedures. The Auto Reverse & Alarm Function alerts you with an audible sound to let you know that the load is about to reach the preset torque level allowing you to unload the file even before the Auto Reverse is setting in. 5 programs for different file systems. TC2 supports most major brands of Ni-Ti files.

iPex II

Precision apex locator
Features
- High-precision root canal measurement generated by using SmartLogic
- Auto-detects the apex accurately in any conditions, dry or wet
- A stylish and compact body requiring only a small space. It can even be located on the dental equipment console
- Three different alert sounds depending on the location of the file tip, ensuring precise procedures
- A big three-colour LCD panel with very low reflectivity allowing clinicians to accurately and instantly monitor procedure progress
- Energy saving and low operation cost
Multi Function Brushless Surgical Micromotor with USB data storage facility. Intelligent, intuitive and accurate.

- One unit for many surgical applications
- USB port for easy data storage
- Control unit with Advanced Handpiece Calibration - automatically calibrates the micro motor and the handpiece to the rotational resistance of each individual handpiece prior to operation
- Lightweight and compact

Eliminates heat and reduces bleeding during operation.
- Optic handpiece is lightweight and slimline
- Soft tissue damage is minimal even during accidental contact
- Minimal blood during cavitation ensures a cleaner surgical site

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Link Surgic Pro+ and VarioSurg3

Using the link function, it is possible to operate both the “Surgic Pro+” oral surgery micromotor system and the “VarioSurg3” ultrasonic bone surgery system with a single foot control. The synergistic effect produced by the controlling of each system via a common interface makes it suitable for a variety of surgical procedures and achieves stress-free operation.
Belmont Phot-X-II X-Ray

New Generation Multi Function DC X-ray by Belmont

Belmont’s High Frequency Technology allows for

- **Reduced skin dosage with optimum radiation level for every diagnostic need**

DC constant potential decreases soft x-ray absorbed to the patient’s tissue. The tube voltage (60 kV or 70 kV) and tube current (4 mA or 7 mA) and exposure time are easily selectable in accordance with the patient type. This helps avoid over dosage with unnecessary radiation.

- **Ideal for digital imaging system and film**

  The shortest exposure time is only 0.01 sec. and compatible for any type of digital imaging system. The pre-programmed timer is selectable for digital system and two different types of films. A total of 16 film speeds are available.

- **Easy to position compact tube head**

  High frequency technology allows for the lightweight (4kg) compact easy to hold design tube head. This enables the operator to align the tube accurately each and every time for reproducible high contrast crisp radiographs with excellent image quality. The focal spot is set central to the head allowing for a shorter cone to be used.

- **Easy adjustment of Optimum radiation level for every patient**

  The operation is simple. Select tooth, select patient type and press exposure switch. Selection of cone length, film type or digital sensor, tube current (mA) and tube voltage (kV). The manual override timer allows the operator to personalize the film density, settings between 0.01 sec. and 3.2 sec.
**DR-Series - DR-22**

Specifically designed to meet stringent medical requirements, the DR-Series is rapidly becoming the display of choice in dental healthcare environments.

**An elegant 22” Full HD display fitted with NeoV™ Optical Glass for professional dental environments.**

Featuring NeoV™ Optical Glass and neat white metal housing, the DR-22 is able to withstand cleaning agents for easy hygiene maintenance. On top of LED-backlit Full HD resolution and AIP technology for clear image details, it comes with illumination mode that allows convenient X-ray film viewing. The DC 24V medical grade power supply assures not only safety but stable image presentation in professional dental environments.

**Features**

- LED-backlit technology with high FHD 1920 x 1080 resolution
- NeoV™ Optical Glass
- AIP technology: PIP; Built-in Image Enhancer
- Durable metal casing
- Touch sensor control keys
- Versatile inputs: VGA, DVI, HDMI, S-Video, CVBS (RCA x 2), Audio in
- Built-in speakers (1.5W x 2)
- Swift 3 ms response time
- Illumination mode for easy X-ray film viewing
- DC 24V medical grade power adapter allows longer distance connection
- Optional handle allows for easy movement of display
- EN60601-1 and IEC60601-1 medical certification
- Equipotential Terminal safety standard
- EcoSmart Sensor for low watt power consumption
- Auto-adjustment for optimal settings
- Kensington® security socket
- VESA standard mount

*17” display also available

**MULTIA Monitors**

**22” & 17” Medical Grade Monitors**

- Sharp and crisp image processed by 3D image enhancer
- Multia coating optical glass enhances image
- Durable metal housing
- Built-in Stereo Speakers
- Stylish looking slim bezel
- Versatile inputs: VGA, HDMI x 2, Composite RCA x 1, S-Video x 1
- Audio PC in & RCA (R&L) in
- Built-in USB Hub, 3 in & 1 out to PC
- Illuminator mode for viewing X-ray film easily
- Equipotential plug for potential equalization
- Ground connecting screw installation ready
- Auto Adjustment brings out optimised settings
- Deinterlace
- Integrated USB Hub
DIGORA® Optime systems makes your daily imaging workflow easier and more efficient: Intuitively easy to learn and simple to use system provides leading clinical results repeatedly and automatically.

**EASY**
- Easy to set up, instantly ready for use
- Operation is “child’s play”, the system is truly intuitive and automatic
- No buttons to press during operation, just keep inserting the exposed imaging plates
- Familiar, film-like workflow facilitate introduction of digital imaging to your clinic

**SMART**
- Always delivers images with good contrast with its Auto-Optimization feature
- Smart automated functions and economical network sharing
- Latest generation, wireless and durable imaging plates with patented IDOT™ identification system (optional)
- Comfortable and safe with unique hygiene accessories

**EFFICIENT**
- Fast processing times, images displayed and ready for diagnosis in seconds
- DIGORA® Optime imaging plates with high wear resistance serve you time after time
- One DIGORA® Optime unit serves multiple operatory rooms
- MULTICONNECT™ for controlled network sharing
- Reliable, maintenance free design

**FEATURES REPEATABLE IMAGE QUALITY**
- Fully automatic and optimized image processing
- Exposure assistant – feature guides for correct exposure settings
- High quality images are displayed in just seconds
- Processing speed is not dependent on image resolution
**DIGORA Vidi**

DIGORA™ Vidi is a modern, compact and anatomically designed camera that has everything you need. It combines natural, undistorted picture precision and color reproduction to an unparalleled depth of field and width of vision. Quality technically unbeaten.

DIGORA™ Vidi camera has an ergonomic design with smart phone usability. Freeze images with the sweep of your finger, share effortlessly, and streamline with other DIGORA™ products.

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**Cranex Novus e**

CRANEX® Novus e is a fast and easy-to-use digital panoramic unit designed for dental offices that demand first-class 2D images. CRANEX® Novus e provides excellent image quality and enhanced operation with the ClearTouch™ control panel. Designed for fast operation and easy workflow, CRANEX® Novus e delivers maximum efficiency.

**Excellent**
- Fast scanning times are convenient for the patient and expedite treatment planning
- High image quality with fast scan programs
- Advanced spinal compensation yield better visualization of anterior teeth
- Optimized and automatic image processing

**Easy**
- ClearTouch™ Control panel with self-explanatory symbols
- Automatic kV selection based on selected program
- Stable patient support keeps patient steady during exposure

**Efficient**
- Made to fit - compact design and small footprint
- Fast scanning times result in minimized radiation doses and reduce the potential for movement
- Simple to use Ethernet connection to your PC or network
- Easy to install and maintain
The CS 7600 from Carestream Dental sets a new standard in dental imaging, offering an unparalleled streamlined workflow in addition to all the essential elements you need to generate outstanding images. Featuring exclusive Scan & Go technology*, this truly intelligent system automates tasks and combines speed, usability and quality to form one incredibly versatile and compact solution that is ideal for any practice. As easy as film with all the benefits of digital, the CS 7600 offers the best of both worlds. You will appreciate the simplicity of the familiar film-like workflow while the intuitive software allows you to view high-quality intraoral images in as little as five seconds.

* Available as an option

But what makes this system truly unique is its ability to electronically embed the plates with information such as your patient’s name and tooth number prior to the exam so that when scanned, images are automatically routed to the proper computer and patient file. This eliminates plate mix-ups and reduces operation time making the entire process easier and incredibly efficient. Nearly automated.

During a full mouth series, Smart Plates can be scanned in any order and the results are automatically arranged in their precise locations.
CS 1200 Intraoral Camera

The compact CS 1200 intraoral camera delivers the highest image quality in its class at a surprisingly affordable price. Designed with usability in mind, the camera makes sharing images between operators easier than ever. Plus, with the ability to store up to 300 images in the camera, the CS 1200 eliminates the need for placing a computer in every operatory to further maximize your return on investment.

With best-in-class image quality, the CS 1200 delivers the highest image resolution (1024 x 768) in the industry, providing a clear, precise view of patients’ teeth, anatomical structures, and mouth. Meanwhile, advanced optics help you and your patients quickly and easily view even the smallest details such as cracks, caries, and other anomalies.

CS 1500 Intraoral Camera

The Carestream (Kodak) CS1500 Wireless Camera offers outstanding image quality and features. From the true auto focus lens to the wifi wireless technology this intraoral camera remains in a league of its own. The docking station alone has an enviable list of features, including SD card image storage, charging of camera battery and a spare battery simultaneously, USB Out, VGA out, S-Video Out, Composite Video out and the option to bypass the wireless control and connect via cable. Each kit comes complete not only with the full featured CS software suite but also twain drivers which allow you to run this camera on just about any twain compatible windows software on the market. Image quality is outstanding with impressive features such as true automatic focus plus light intensity control, resulting in awesome pictures in high or low contrast situations.
Melag represents a whole new class of performance and reliability in the sterilization world. Not only does the performance and production quality of the Pro Class underline MELAG’s dominant position, their design makes these devices visually top class. Operating the autoclaves should be both pleasurable and safe. The design fully supports this demand. It shows what’s essential, and does its work efficiently.

Vacuklav 31 B+

Reliable autoclaves that work continuously

These flexible products are not only distinguished by the patented air cooling of the vacuum pump, but also by their reliability and ease of use.

The innovative design of the Vacuklav 31 B+ simultaneously features fast operating times, along with versatility in recording and safety.

The integrated monitoring of the feed water and the electronic control of the Vacuklav 31 B+ avoid operating faults and secure high quality sterilization and maximum gentleness for your instruments.

Instruments of up to 5 kg in weight may be sterilized on 5 trays in the compact sterilization chamber (depth 35 cm, volume 17 litres).

Two special, ergonomic water containers (for feed and waste water) are already integrated in the autoclave as well as the important monitoring of the water quality.

Vacuklav 23 B+

Lots of space for your instruments

With the same technical equipment as the Vacuklav 31 B+, the Vacuklav 23 B+, as a class “B” autoclave, offers more internal space for use because it has a deeper interior space (45 cm, volume 22 litres). In this way, longer instrument sets can also be safely sterilized.

Thanks to the patented air-cooling system, the Vacuklav 23 B+ is a real “stand-alone” autoclave. Only a socket is necessary for operation.

The strong vacuum pump and the efficient steam generator provide short cycle times so that simple wrapped hollow-instruments operated in the Quick-Program B can be taken out dry after only 25 minutes.

The integrated monitoring of the feed water and the electronic control of the Vacuklav 23 B+ avoid operating faults and secure high quality sterilization and maximum gentleness for your instruments.
**Vacuklav 40 B+**

**The Premium Fast Autoclave**

Ideal and handy for all doctors’ and dentists’ practices that want to sterilize wrapped instruments with the Quick-Program B in only 17 minutes and even unwrapped instruments in only 10 minutes. This includes in each case fractioned pre-vacuum and drying.

The revolutionary new operating concept allows simple intuitive operation with the extra-size colour-touch screen. Programs can be found and selected quickly and easily, errors are prevented and batch documentation is easy to do.

The software for clearance, labeling and tracing of the sterilized instruments, already integrated in the autoclaves is especially innovative. Doctors’ and dentists’ practices highly appreciate this additional safety without extra charge.

Vacuklav 40 B+ is not only the benchmark for innovative water cooling of the vacuum pump but also for quality and reliability.

**Vacuklav 41 B+**

**Fast, comfortable and stand-alone**

This efficient autoclave for practices has the same record operational times as the almost identical Vacuklav 40 B+. It is possible to remove unwrapped instruments after only 10 minutes and wrapped instruments after only 17 minutes, with the innovative twin chamber technology, using the “Class B” program.

This includes, in each case, fractioned pre-vacuum and drying. The Vacuklav 41 B+ has a patented air cooling system, enabling it to really “stand-alone”, because it only has to be plugged in order to work.

A very special advantage is the integrated software for clearance, labeling and tracing of the sterilized instruments, providing safety for the doctor and for the patients.

The extra-size of the colour-touch display makes work easier and helps to avoid errors in operation.

**Up to 6kg Instruments, Up to 2kg Textiles - 3400W**
Premium, large and stand-alone

The Vacuklav 43 B+ is the ideal device for all practices that desire an effective autoclave without fixed water connection, having an efficient, patented air cooling. Compared with the Vacuklav 41 B+, which is almost identical in construction, the Vacuklav 43 B+ has a larger and deeper (45 cm) sterile chamber, which makes it possible for longer sets of instruments to be processed. Thanks to its very short operating times, this innovative autoclave can also be used in practices that want to disinfect many instruments quickly at the same time. Additional advantages are the integrated software for clearance, labeling and tracing of the sterilised instruments, already integrated in the autoclaves, and obviously the extra-size of the colour touch display. This modern concept provides safety for the practice and the patients, makes work easier and helps to prevent errors.

Up to 6kg Instruments, Up to 2kg Textiles - 3400W

The power house for big practices

The bigger sterilization chamber (45 cm, 22 litre volume) and the vacuum pump’s water-cooling system make the Vacuklav 44 B+ an ideal autoclave for all practices who wish to sterilize many instruments in a short time.

Up to 7 kg wrapped instruments can be sterilized in the “Class B” program in a record time of approx. 30 minutes, including fractional pre-vacuum and drying!

For unwrapped or maximum 1.5 kg wrapped instruments, the Vacuklav 44 B+ offers the fast program “B” with only 17 minutes of drying time included or for unpacked instruments the Quick-Program “S” which is only 10 minutes in duration.

The innovative colour-touch display of the Vacuklav 44 B+ prevents user error, all menus are self-explanatory and intuitive.
Soniclean digital bench top ultrasonic cleaners are the quietest and most effective ultrasonic cleaner in the market place. The pulsed broadband ultrasonic frequencies achieve optimum cleaning results using adaptive pulse swept power. The Soniclean machines offer a complete range of programmable features via the intelligent key pad and provides real-time data on the digital display.

- Maximum efficiency independent of water levels.
- Inbuilt protection against thermal shock and empty tank operation.
- User-friendly touch control keypad and display.
- Programmable silent key press for countdown timer, water temperature and power level.
- Delivers gentle, precise and thorough ultrasonic cleaning – the most effective method of cleaning and removal of fine foreign soil from crevices and all areas of dental and surgical instruments.
- Removes stubborn soil including blood contaminates without damage to the instruments.
- Cleans in a fraction of the time compared to conventional methods, reducing the overall operational and running costs.

Ranging in sizes from 1.6 litres to 80 litres

AquaClave MARK 3 RO P5

It just keeps getting better!

- Leak Detector - easy to use, hassle free and EFFECTIVE
- USA Manufactured housings - arguably world’s best SECURITY
- UPGRADED TRANSFORMER - electrics Australian designed

The NEW AquaClave Mark 3 remains a multi-stage system relying on five processes to deliver water to steam sterilisation equipment. The new model includes the automatic flushing system PLUS a leak detector, American housings and an improved power supply!

Meticulous attention to all stages of processes of the water includes 1 micron sediment removal and selection of the granular activated carbon specification.

Reverse Osmosis - The reverse osmosis low production AquaClave membrane has been engineered to produce exceptionally high quality in the most challenging water quality environment. To monitor performance a Total Dissolved Solids meter is supplied as part of the product.

The two stage polishing system will remove remaining organic and non-organic residues thereby finishing the water to meet all autoclave operating standards.
iCare

Automatically Cleans & Lubricates

iCare sets a new standard for handpiece maintenance systems. In one stylish and compact body, it offers you both ease of use and multiple functions to achieve complete cleaning and lubrication. The proper solution volume is preset based on handpiece type, and maintenance can be initiated at the touch of a button. The chuck cleaning system keeps chucks pristine, and the purging select mode lets you alter purge time depending on the situation for truly comprehensive maintenance. Thanks to its stylish and compact body, iCare is also space efficient and totally in harmony with your working environment.

Rotational Maintenance System

A major advantage of rotation during the cleaning process is the saturation of all internal components. Up to 4 Handpieces are cleaned completely and lubricated.

Pana Spray Plus (500ml)

Pana Spray Plus is a specially formulated, highly effective general handpiece and air motor lubricant. Frequent application of Pana Spray Plus will ensure handpiece and air motor performance and durability. Apply Pana Spray plus every time before autoclaving any handpiece or air motor. Adapters available for all handpiece brands.
**Laboratory**

**Ultimate XL Series**

**Experience Unprecedented Smoothness and Power**

The world’s leading laboratory micromotor just got better. The Ultimate range has evolved to run even smoother and be more powerful. With 180° vector control system, it assures you to work more efficiently and stress-free. The handpiece shape has been designed extremely carefully with ergonomy and functionality always being at the forefront of the designer’s mind. The result is a handpiece which considerably reduces hand fatigue and makes it easier to work on even the most delicate pieces of work for extended periods of time. Experience the next-generation performance the Ultimate XL has to offer.

---

**Ultimate XL Bench Top System**

- Control Unit
- Micromotor Handpiece
- Foot Control
- Handpiece Stand

**Ultimate XL-D Bench Top System**

- Control Unit
- Micromotor Handpiece
- Foot Control
- Handpiece Stand

**Ultimate XL-K Knee Control System**

- Control Unit
- Micromotor Handpiece
- Handpiece Stand

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**Cordless Micromotor**

The Mio system delivers stepless, smooth speed adjustment from 3,000 – 35,000 RPM. The lightweight handpiece Micro Motor offers immediate response to speed adjustment and incorporates a dust proof mechanism. Available with Laboratory micro motor or E-Type micro motor. Delivered complete with control system, cord and micro motor.

---

**MIO**

- Ripple-free smooth rotation with 180° vector control system
- Minimal vibration, and noise from hermetically shielded micromotor unit
- Lightweight compact body reduces hand fatigue and improves balance
- Easy-to-hold handpiece design ensures precision
Volvere Vmax
CORDLESS MICROMOTOR
The well-known Volvere, which is regarded as the best dental laboratory motor system, is now released with higher functionality, controllability and durability. The stylish control unit can be placed either vertically or horizontally or with an optional free-arm stand at a space-critical workplace.

Contents:
- Control Unit
- Micromotor Handpiece
- Foot Control
- Handpiece Stand

Presto Aqua LUX
LED ILLUMINATION
Achieve optimum performance and precision with the lubrication-free air turbine handpiece featuring LED illumination and water coolant spray.

Contents: Presto AQUA LUX Control Unit | Presto AQUA LUX Handpiece | PR-AQL Hose
- Foot Control
- Secondary Hose for PRESTO
- Handpiece Stand
- Presto AQUA LUX Cord | AC Adapter

Laboratory
Ask us about our full range of laboratory equipment today.
Compressors

The range of Cattani compressors gives you reliability and high performance to achieve clean, dry air, all of the time. Their reputation for quality and service is the result of a specialisation in the field of dental air compressors and suction systems that spans over twenty years.

A compressor to suit every clinic...

Cattani have a large range of compressors to suit your clinic’s requirements, from the single chair practice, right up to systems that cater for hundreds of surgeries.

With four configurations of head available, the single cylinder, 2 cylinder, 3 cylinder and 6 cylinder, we are able to provide a standard range of eight different models.

For clinics with more than twenty surgeries, a Blok-Jet system can be especially produced to meet your individual requirements.

All units can be supplied with an acoustic hood (which covers the compressor motor only) reducing noise levels by approximately 10 dB (A). All units can also be fitted with pre-filter moisture traps with auto-drain that removes a percentage of moisture prior to air reaching the drying column - for humid climates.

<table>
<thead>
<tr>
<th>Model</th>
<th>AC100</th>
<th>AC200</th>
<th>AC300</th>
<th>AC400</th>
<th>AC600</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of Surgeries</td>
<td>1</td>
<td>2-3</td>
<td>3-4</td>
<td>5-6</td>
<td>7-8</td>
</tr>
<tr>
<td>Capacity</td>
<td>30 Litres</td>
<td>30 Litres</td>
<td>45 Litres</td>
<td>100 Litres</td>
<td>150 Litres</td>
</tr>
<tr>
<td>Weight</td>
<td>47kg</td>
<td>54kg</td>
<td>64kg</td>
<td>112kg</td>
<td>137kg</td>
</tr>
<tr>
<td>Flow (L/min @ 5 bar pressure)</td>
<td>67.5 N l/min</td>
<td>160 N l/min</td>
<td>238 N l/min</td>
<td>320 N l/min</td>
<td>476 N l/min</td>
</tr>
<tr>
<td>Noise Level</td>
<td>70 dB(A)</td>
<td>71 dB(A)</td>
<td>73.6 dB(A)</td>
<td>73 dB(A)</td>
<td>74 dB(A)</td>
</tr>
<tr>
<td>kW</td>
<td>0.55 kW</td>
<td>1.25kW</td>
<td>1.5kW</td>
<td>3kW</td>
<td>3kW</td>
</tr>
</tbody>
</table>
Suction - TurboSmart

The Cattani Turbo SMART is the most powerful semi-wet suction system of its kind. It’s also the smartest. Its variable speed drive senses changes in how the suction is being used and automatically adapts to provide you with powerful vacuum and high airflow.

<table>
<thead>
<tr>
<th>Model</th>
<th>Turbo SMART A</th>
<th>Turbo SMART B</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of operators</td>
<td>2</td>
<td>3 with 40mm main suction line 4 with 50mm main suction line</td>
</tr>
<tr>
<td>Rated Current</td>
<td>7 Amp</td>
<td>9.8 Amp</td>
</tr>
<tr>
<td>Rated kW</td>
<td>1.45 kW</td>
<td>1.87 kW</td>
</tr>
<tr>
<td>Suction Control</td>
<td>Variable speed suction</td>
<td></td>
</tr>
<tr>
<td>Maximum RPM</td>
<td>4800 RPM</td>
<td>6200 RPM</td>
</tr>
<tr>
<td>Maximum negative pressure</td>
<td>-210 mbar</td>
<td></td>
</tr>
<tr>
<td>Sound Level</td>
<td>68.2 dB(A)</td>
<td>69.6 dB(A)</td>
</tr>
<tr>
<td>Sound Level with Cover</td>
<td>67.3 dB(A)</td>
<td>68.7 dB(A)</td>
</tr>
<tr>
<td>Dimensions</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Height: 650mm</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Depth: 355 mm</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Width: 400 mm</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Weight</td>
<td>39.5 kgs (with ISO)</td>
<td>36 kgs (no ISO)</td>
</tr>
<tr>
<td>Maximum Flow</td>
<td>18 l/min</td>
<td></td>
</tr>
<tr>
<td>Minimum Flow</td>
<td>0.5 l/min</td>
<td></td>
</tr>
<tr>
<td>Retention Rate</td>
<td></td>
<td>98.1%</td>
</tr>
<tr>
<td>Standard</td>
<td>Complies to ISO 11143 - Dental Equipment Amalgam Separators</td>
<td></td>
</tr>
</tbody>
</table>

How Smart?

Turbo SMART is as smart as a suction systems get. It constantly detects the demand on the system by sensing the vacuum level in the suction line. When the vacuum level drops, indicating that the number of surgeries using the suction has increased, Turbo SMART reacts by increasing the speed of the suction motor. When the vacuum increases, indicating that less surgeries are using the suction, Turbo SMART slows down. And it all happens instantly and automatically.
Micro Smart is a semi-wet suction system with variable speed suction for one surgery. It is Cattani’s most powerful suction system yet for a single surgery, and offers many advantages over anything previously available.

<table>
<thead>
<tr>
<th>Model</th>
<th>Micro Smart</th>
</tr>
</thead>
<tbody>
<tr>
<td>Warranty</td>
<td>2 years</td>
</tr>
<tr>
<td>Rated Current</td>
<td>6.3 A</td>
</tr>
<tr>
<td>Suction Control</td>
<td>Variable Speed Suction</td>
</tr>
<tr>
<td>Rated kW</td>
<td>1.12 kW</td>
</tr>
<tr>
<td>Maximum Negative Pressure</td>
<td>-210 mbar</td>
</tr>
<tr>
<td>Maximum airflow</td>
<td>55 m3/hr</td>
</tr>
<tr>
<td>Sound level from 60 to 120 Hz</td>
<td>64 dB(A) to 71 dB(A)</td>
</tr>
<tr>
<td>Sound level with suction motor cover from 60 to 120Hz</td>
<td>63 dB(A) to 68.5 dB(A)</td>
</tr>
</tbody>
</table>
| Dimensions                 | Height: 600 mm  
Depth: 380 mm  
Width: 350 mm                                                   |
| Weight                     | 23kg                                                                        |
| Maximum Flow               | 5.5 l/min                                                                   |
| Minimum Flow               | 0.5 l/min                                                                   |
| Retention Rate             | 98.9 %                                                                      |

**Automatic Adaptability**

When you are using a HVE tip the MicroSmart speeds up to give you maximum airflow. When you are using a surgical tip, the MicroSmart slows down, reducing load on the system and electrical consumption, while still providing the high pressure you require. This system adapts automatically and instantly, giving you outstanding performance for each application.

**Tandem Systems**

Two MicroSmarts can be run together to provide for three surgeries, providing the clinic with outstanding suction and a built-in backup. As the MicroSmart’s speed and performance is based on the negative pressure in the suction line, multiple units can work together without an extra control panel; the multiple units communicate through the negative pressure on the suction line and adjust their speed to suit.
Talk to us about full surgery setups.
07 3139 1549 | 0411 589 080
leadingdental.com.au