DENTAL CATALOGUE

Gauteng Head Office – 1 Simon Park, Brunton Circle, Foundersview, Modderfontein 1613 · P.O.Box 477 Modderfontein 1645  
Telephone: 0861 788 739 · Fax: 0861 329 629 · International Telephone: +27 11 452 3839 · International Fax: +27 11 452 3833  
Website: www.trojanmedical.co.za · e-mail: info@trojanmedical.co.za  
Directors: Max Maidman, Rachel Boya (Representative of Phodiso Holdings)
X5 DENTAL UNIT

QL-X5
Exclusive Design
and Configuration
ACTIVATION
Foot Control

MOVEMENT
Ascending and descending by Hydraulic System control
4 programme working positions
Automatic return to a memorized position
Self-testing system tests the chair function automatically

ERGONOMIC
Anti-skid curve design
Spacious for patient comfort
Upholstery and chair movement coordinated
Push button articulated headrest
Headrest is designed to be wheelchair accessible
Articulating armrest x 2
INSTRUMENT HOLDER
Capable of holding 5 to 6 instruments - Hanging
Capable of holding 6 instruments - Continental

CONTROL PANEL
Chair and upholstery movement small adjustment
4 Programmable chair position settings
Light, water flush and cup filler buttons

TABLE
Removable, washable and autoclavable table pad
Periapical or panoramic X-ray film viewer
Under-chair type delivery unit holding arm
Large table
**X5 DENTAL UNIT**

**Cuspidor / Cup filler**

**STANDARD CONFIGURATION**

QL - X5 has a glass cuspidor for easy cleaning and its swiveling adjustment allows patients easy-positioning.

Infrared automatic cup filler, prevents water overflow.

**X5 DENTAL UNIT**

**Light / Foot switch**

**STANDARD CONFIGURATION**

Foot switch control air input and water spray. In addition it allows chair positioning to be controlled by foot.

Operating light provides 2-step control.

**X5 DENTAL UNIT**

**Multimedia system**

**OPTIONAL**

The system includes 15” LCD-TV screen and a camera which improves patient and dentist communication.
X5 DENTAL UNIT
Dentist Stool

1 x Included with Chair

PREVENT LUMBAR & DORSUM INJURY
The backrest surrounds lumbar and it is adjustable horizontally and vertically depending on the comfort of the dentist.

PREVENT ARM, SHOULDER & NECK INJURY
3-Dimension armrest provides a complete support for the arm. It is adjustable horizontally and vertically and can rotate. Removable.

PREVENT LEG & SPINAL-CORD INJURY
Chair cushion has inclined plane without angle designed to prevent leg and spinal-cord stress.
X5 DENTAL UNIT

STANDARD ACCESSORIES

<table>
<thead>
<tr>
<th>Accessory</th>
<th>Hanging</th>
<th>Continental</th>
</tr>
</thead>
<tbody>
<tr>
<td>Handpiece hose</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>Air motor hose</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>3-way syringe</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>LED curing light</td>
<td>-</td>
<td>1</td>
</tr>
<tr>
<td>X-ray film viewer</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Dentist delivery tray</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>5 instrument holders</td>
<td>1</td>
<td>-</td>
</tr>
<tr>
<td>6 instrument holders</td>
<td>-</td>
<td>1</td>
</tr>
<tr>
<td>Saliva ejector</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Assistant unit</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Patient chair</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Foot switch</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Dentist Stool</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>YS Operating light</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Blue cuspidor</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Leather Upholstery</td>
<td>1</td>
<td>1</td>
</tr>
</tbody>
</table>

OPTIONAL ACCESSORIES

DENTAL CHAIR
- Upholstery air bag
- Massage function
- Access upholstery

OTHERS
- YF operating light
- EDI operating light
- LED operating light
- TV screen
- Assistant chair
- Distilled water bottle
- Water heater
- Ozone disinfection system

DELIVERY UNIT
- Small dentist tray
- Panoramic X-ray film viewer
- Intraoral camera
- LED curing light
- High speed handpiece
- Low speed handpiece
- Micromotor kit
- Fiber optic system
- Air prophy unit
- Ultrasonic scaler
- Cart unit
DENTAL CHAIR AND LIGHT

MODEL DSC-005
Ceiling Mounted Sensor Light

MODEL MZ2200
Dental Chair and Sensor Light ONLY
PORTABLE DENTISTRY

DL32A
• Light weight but very sturdy
• Comfortable and safe for up to 200 kg
• High strength steel construction
• Includes examination light

Unit includes:
• Saliva Ejector 1
• 3-in-1 1
• Syringe 1
• High Speed Handpiece Tube 1
• Low Speed Handpiece Tube 1
• Built in Air System 1
• Built in Water System 1
• Scaler (Optional) 1
• Curing Light (Optional) 1
DU-752 Portable Dental Unit

- 4-hole instrument hose 2PCS
- 3-way syringe 1PC
- Saliva ejector 1PC
- Clean water system 1SET
- Oil-free compressor 1SET
- Handpieces Optional
Diagnostic imaging relies on extra fine focus (XFF) generators to fully exploit the resolution power delivered by first class receptors.

**CONFIGURATIONS**
Includes wall mounted solutions with short, medium, or long extension arm and mobile.

**IntraOs DG**
**DELIVERING THE SHARPEST IMAGES**
Innovative dental X-ray equipment which meets the most stringent imaging requirements in the dental field, both when using high resolution digital receptors or finest grain films.

**LOW DOSE YIELD**
Wide latitude of exposure given by the anode voltage potential of 70kV over a range of technique factors from 0.21 to 11.2 mAs, covers the needs of low dose sensors and traditional films.

**SMART TIMER**
The TipSet timer is a computerized unit equipped with flat keyboard and digital display for full control of X-ray generation.

**PantOs DG XP Digital Pan**
**PRACTICAL, SAFE, EFFICIENT, COST-EFFECTIVE: Simply Digital**
Robust but elegant digital panoramic x-ray system featuring diagnostic imaging functions that are by now essential in orthodontics and implant applications.

The unit has a high resolution, highly sensitive CCD sensor with a 16-bit internal processing system and can read 4096 levels of grey to provide the maximum definition in panoramic tomographic images.

**INSTANT CONTROLS**
There are seven diagnostic programs provided and the system can deal with four sizes of patients.

**EASE OF USE**
The system is both compact and comfortable with the patient facing a mirror in the traditional fashion.

**RADIOLOGICAL SAFETY**
The constant potential microprocessor - controlled high frequency x-ray generator is an essential element in the imaging chain.

**PRECISE EXAMINATIONS**
Diagnostic images can be processed and magnified as required so as to highlight the most important details. This data can then be printed, stored or sent by e-mail.
Dental X...the sterilization company

Domina Plus B
...because not all autoclaves are created equals.

APTICA PLUS B

Designed for the sterilization of every type of load, Dental X autoclaves permit a gentle and safe handpieces sterilization without risks of deterioration.
Dental X...the sterilization company!

DOMINA PLUS B

Adaptive Heat: the new revolutionary heating system, designed by Dental X, enable faster cycles, lower consumption, higher load capacity and finally higher reliability and autoclave long life.

www.dentalx.it
Poleax Series - Class N Autoclave

FEATURE:

• INTERNAL PROGRAMS design for your convenience selection:
  • “POLEAX” series is designed with high performance, reliability and safety and easy operation.
  • WIDE RANGE USE: “POLEAX” series sterilizers are suitable for wrapped / un-wrapped / liquid / utensils etc. Widely used in dental clinics, hospitals, clinics and laboratories.
  • EASY MAINTENANCE: “POLEAX” series sterilizers are made with stainless steel #304 and the heater is stainless steel #316.
  • The new standard sterilization technology have been achieved in terms of testing, certification and technical assistance
  • Intelligent design sterilization programs, fully automatic and easy control.
  • Several programs already for your selection.
  • Sterilization pressure are adjustable for 118°C - 134°C (approx. 0.9 ~2.1 kg/cm²) Except SA-232.
  • SA-232 Sterilization time: 18/33 minutes for selection
  • Automatic control from heating-up-sterilization to time-off.
  • The entire sterilization process is continuously monitored by a microprocessor control system.
  • The sterilization time starts counting, when the chamber pressure (temp.) arrives the point you set-up.
  • SPECIAL FUNCTION

SECURITY AND RELIABILITY

• Autoclave manufactured in conformity with 93/42/EEC.
• Over heat (low water) level protection system.
• Each element with independent thermos protection switch for security consideration
• The Micro processor system can indicate the program working steps.
• “POLEAX” series can be used for liquid sterilization
• CE standard approved.

SPECIFICATION:

<table>
<thead>
<tr>
<th>MODEL NO</th>
<th>SA-232X</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHAMBER SIZE</td>
<td>Stainless Steel #304 230mmØ x 410mm(H)</td>
</tr>
<tr>
<td>CHAMBER CAPACITY</td>
<td>APPROX. 16 LITER</td>
</tr>
<tr>
<td>OVERALL</td>
<td>505(W) x 498 (H) x 537 (D)mm</td>
</tr>
<tr>
<td>POWER</td>
<td>220V ~ 240V / 1.4 KW (MAX) / 7A</td>
</tr>
<tr>
<td>DESIGN TEMPERATURE</td>
<td>140°C</td>
</tr>
<tr>
<td>SAFETY DEVICES</td>
<td>OVER HEAT (LOW WATER) CUT-OFF SWITCH</td>
</tr>
<tr>
<td>SAFETY APPROVAL</td>
<td>CE-EMC, LVD APPROVED</td>
</tr>
<tr>
<td>STANDARD ACCESSORIES</td>
<td>Stainless steel #304 Sterilization Box / 1 pc</td>
</tr>
<tr>
<td>OPTIONAL ACCESSORIES</td>
<td># Stainless Steel #304 Tray frame x 1 + Tray x 3 + Tray pulling holder x 1</td>
</tr>
</tbody>
</table>

SA-232X
Falcon Series - Class-S Autoclave

FEATURES:
- PRESSURE DOOR AUTO-LOCK DEVICE (SA-252F ONLY)
  The door will be locked automatically, when the pressure is over 0.3 Kg/cm²
- WIDE RANGE OF USAGE
  “FALCON” autoclaves provides sterilization temperature from 118°C - 134°C. Which are suitable for wrapped / unwrapped material, utensils, liquid (optional), and etc. Wide used in hospitals, clinics and laboratories.
  HORIZONTAL TYPE SA-300H are special designed for laboratories, clinics and hospitals

SPECIFICATION:

<table>
<thead>
<tr>
<th>MODEL NO</th>
<th>SA-252F</th>
<th>SA-300H</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHAMBER SIZE</td>
<td>Stainless Steel #304 260mmØ x 45mm(D)</td>
<td>Stainless Steel #304 300mmØ x 570mm(D)</td>
</tr>
<tr>
<td>OVERALL</td>
<td>540(W) x 450(H) x 630(D)mm</td>
<td>600(W) x 470(H) x 740(D)mm</td>
</tr>
<tr>
<td>POWER CONSUMPTION</td>
<td>220V-240V / 2.063KW / 9A</td>
<td>220V-240V / 2.735KW / 12A</td>
</tr>
<tr>
<td>USING TEMPERATURE / PRESSURE</td>
<td>UNWRAPPED: 118–134°C / 0.9–2.1kg/cm²</td>
<td>UNWRAPPED: 118–134°C / 0.9–2.1kg/cm²</td>
</tr>
<tr>
<td></td>
<td>WRAPPED: 118–134°C / 0.9–2.1kg/cm²</td>
<td>WRAPPED: 118–134°C / 0.9–2.1kg/cm²</td>
</tr>
<tr>
<td></td>
<td>LIQUIDS: 118–134°C / 0.9–2.1kg/cm² (optional)</td>
<td>LIQUIDS: 118–134°C / 0.9–2.1kg/cm² (optional)</td>
</tr>
<tr>
<td>DESIGN TEMPERATURE</td>
<td>140°C</td>
<td>140°C</td>
</tr>
<tr>
<td>SAFETY DEVICES</td>
<td>Pressure control switch. Door pressure auto-lock</td>
<td>Pressure control switch. Door pressure auto-lock</td>
</tr>
<tr>
<td></td>
<td>Electronic circuit safety system</td>
<td>Electronic circuit safety system</td>
</tr>
<tr>
<td>STANDARD ACCESSORIES</td>
<td>Stainless Steel #304 Sterilization Box X 1 pc.</td>
<td>Stainless Steel #304 Sterilization Box X 1 pc.</td>
</tr>
<tr>
<td></td>
<td>Heater cover x 1 pc</td>
<td>Heater cover x 1 pc</td>
</tr>
<tr>
<td>SAFETY APPROVAL</td>
<td>CE-EMC, LVD, by TUV</td>
<td>CE-EMC, LVD, by TUV</td>
</tr>
<tr>
<td></td>
<td>CE-MDD approval by DNV</td>
<td>CE-MDD approval by DNV</td>
</tr>
<tr>
<td></td>
<td>CHAMBER DESIGNED BY ASME/USA STANDARD</td>
<td>CHAMBER DESIGNED BY ASME/USA STANDARD</td>
</tr>
<tr>
<td>AUTO-DRY FUNCTION</td>
<td>YES</td>
<td>YES</td>
</tr>
<tr>
<td>CHAMBER CAPACITY</td>
<td>APPROX. 24 LITER</td>
<td>APPROX. 40 LITER</td>
</tr>
</tbody>
</table>
Corpus Vac - Mobile Suction

High performance, maximum hygiene, ergonomics and comfort by Corpus Vac
CORPUS VAC

Maxi Mobile

• Corpus Maxi is a dental high vacuum, surgical aspirator, suction and saliva ejector for dental clinic and treatment room.

• Installation of Corpus Maxi does not require any special equipment or assistance. It needs a city electric and waste water line.

• Maxi is designed to facilitate all type of dental treatments such as surgical, implant, orthodontics with its permanent powerful suction ability.

• Maxi has two type system; Maxi Automatic and Maxi Manual.

• MANUAL type of Maxi can be easily located next to dental chair, as well as moved to another place by the help of its wheels without any technical support.

• Maxi MANUAL has one hard plastic bottle for discharging by hand. Maxi Manual has two different secration level control system by one magnetic switch and another float switch.

• The vacuum motor is the one of the fundamental parts of Maxi is produced by using high technology. The motor can work 8-10 hours continuously. It is protected by electro thermostat.

• The vacuum motor aspirates 1600 liter air in a minute and cools quickly after very long working periods.

• Automatic type of Maxi does not require manual discharge. It directly discharge waste to sewage by using its drain pump.

• Maxi both reduces the noise level and eliminates aerosal contamination by the help of its exhaust system.

• Maxi’s hygienic perforations provided necessary air ventilation that minimizes the sound and heat level during long working periods.

• Automatic cannulae system consist of two changeable hose and three diameter universal suction tips. The cannulae center has also a filter which prevents big particles from blocking the inner and outer system.

MANUAL type of Maxi has manual discharging system of the secration.
ULTRASONIC CLEANER - 5L

Voltage in: 220V / 110V 60HZ
Power: 300W
Frequency: 39k HZ
Inside tank dimensions: 240 x 142 x 149mm
Packing sizes: 317 x 218 x 267mm
Capacity: 5L
G.W./N.W: 6 / 4.5kg
Timer: 2 - 30 minutes (adjustable)
Heater: 20 - 80°C (adjustable)

FEATURES:
- Rinse time can be set from 2 to 30 min, rinse temperature can also be set. Power is automatically cut off when there is lack of water.
- External drainage system makes easy change of rinse liquid; low noise design makes quiet operation.
- Specialized basket is designed for delicate minute devices that should be free from friction and abrasion, for example, high-speed handpiece turbines.

SEALING MACHINE / WATER DISTILLER

FEATURES:
- Maximum sealing: sealing temperature adjusts automatically when voltage changed
- Non-corrosive body: the device is made in stainless steel for easy cleaning
- Sharp cutting blades: two cutting blades are installed to cut evenly.

FEATURES:
- Remember! Purified water is not distilled water!
- Autoclave must adopt distilled water as operation medium.
- Even distilled water has various minerals, and can produce furring scale after evaporation at high temperature, which, after a period of time, can lead to leaking of steam due to improper closure. It can also lead to clogging in the narrow pipes and pressure sensor, to the malfunction of temperature sensor and to other failures. Once the furring scale enters handpiece and other instrument which are hollow inside or has aperture, it will clog the narrow pipes and axis, lowering the turning speed of handpiece, thus reducing its life span. Therefore, using distilled water is necessary.
DENTAL EQUIPMENT

CORDLESS CURING LIGHT DB-685Penguin

1. High power LED, professional dental spectrum
2. Bionic design, LCD display
3. Optional working mode: strong, low, gradually strong, flashing
4. Solidifying time: 5-40s, can be adjustable
5. Over-temperature protection
6. High capacity Li-ion battery, and can be charged with charge base or adaptor
7. Built-in high sensitive LED light

TECHNICAL:
1. Adaptor voltage: AC100-240V, 50/60Hz
2. Wavelength: 420-480nm
3. Light power: 1200mw/cm²
4. Solidification time and depth: 5S3mm

B5 ULTRASONIC SCALER
TECHNICAL SERVICES

Marius de Bruyn
071 371 0810
Tel: 0861 788 739
Fax: 0861 329 629
International Tel: +27 11 452 3839
International Fax: +27 11 452 3833
Email: candice@trojanmedical.co.za
Website: www.trojanmedical.co.za

Servicing the Industry since 1994