



Product Catalog

STYLE FUNCTION COMFORT

OUR COMPANY

Rain Dental Systems is a Canadian medical equipment supplier manufacturer with sales in over 50 countries globally. A leader in the manufacturing dental equipment, we help transform the industry and to ultimately help deliver better experiences for our customers with innovative design, reliability and quality all in one package. The company's values throughout their products, as well as their customer experience, are what set them apart from the competition. Rain Dental Systems is a leading provider of dental equipment and services, and is committed to providing the highest quality products and services to our customers.

A6 PATIENT CHAIR

STANDARD FEATURES



ERGONOMICS DESIGN

The fixed and fixed chair adjust better controls the seat while maintaining patient control with the memory foam support. The ergonomic design provides additional operator control during procedures.

DESIGNED & ENGINEERED IN CANADA

Designed and engineered in Canada according to the National Occupational Standards (NOS) for dentistry to ensure the operator receives the most appropriate to combine the standards while providing the most comfortable chair-free experience.



FUNCTIONAL DESIGN

Functional Design: An ergonomic design for more patient comfort and operator support while the patient is in the chair.



- ✦ Manual Patient Chair (Hydraulic and Mechanical)
- ✦ Hydraulic Base and Mechanical Backrest
- ✦ Seat Height 14" to 21" (Adjustable)
- ✦ Backrest Reclining degrees 0 to 90 degrees
- ✦ Double Articulating Headrest
- ✦ Backrest Recline Foot Control & Programmable Position
- ✦ Arm Rests and Leg Rests
- ✦ Headrest (10" to 14")



Fixed Patient Foot Rest



Memory Foam



Hydraulic System (Made in USA)





A6 STANDARD OPERATORY PACKAGE

STANDARD FEATURES



CLEAN WATER BOTTLE SYSTEM

Integrated Clean water bottle system with easy maintenance that only water to bottle water with simplicity of service. Convenient location and easy to access.



ADVANCED CONTROLS

Reduce maintenance time. Light and control control from the backside and the control side.

EASY TO USE AND MAINTAIN

Conveniently located and easy to clean vacuum configurations. Access for simple maintenance for the staff allowing them time to do other things.



- ❑ 4000psi High Pressure (Hydraulic) and Electrohydraulic
- ❑ State of the Art Hand Piece Sensor Controlled Light Touch LED Light
- ❑ Spineless Hand and Head Movement for Superior Ergonomics
- ❑ Choice for High Speed Dental Unit (Cabinet) Cabinet and 110V/240V Cabinet
- ❑ Self-Cleaning Water Bottle System
- ❑ The Perfect Combination of Features
- ❑ Double Articulating Armrest
- ❑ Integrated and Engineered Components
- ❑ ISO-Compliant Unit



A6 SPECIALTY PACKAGES

STANDARD FEATURES



A6 ORTHO



A6 DENTURIST



OPTIONAL
CUSPIDOR

Optional Foot Mounted Cuspidor is available. The cuspidor is mounted cupholder with footrest and control lever controls to raise lower and set up.



SMILE & CLEAN
DESIGN

Excellent Design for efficiency in dental office, right side can be mounted on chair in right side office configuration.



ERGONOMIC

The A6 chair is designed supports, and can adjust for patients of all sizes. The chair comes with ergonomic memory foam control recliner.

- ✓ Hybrid chair construction
- ✓ Shock Absorber to transfer patient
- ✓ Light can be mounted on the left or right side of chair
- ✓ Touch LED Light Included - Handfree Sensor
- ✓ Insulate noise from chair
- ✓ Optional Chair Mounted Footrest



A6 RADIUS PACKAGE

STANDARD FEATURES



OPTIONAL CUSPIDOR

Optional Radius Cuspidor available.
BrushFace Cuspidor Cupholder will
hold up to and eliminate contact
right-handed cuspidor.



SIMPLE & CLEAN DESIGN

Radius Design offers ease to
convert from left-handed
dental unit to right-handed
dental unit without the use
of any tools. Simple and
clean design is great
option for any clinic.

EASY TO USE AND MAINTAIN

Converts to right-handed easy to
clean radius design. Also,
allows the simple maintenance
for the unit, allowing them time
to do other things.



- ✓ Available for operation suitable for left-handed
or right-handed use.
- ✓ Unique Continuous Base Mounting System for
greater stability and lower center of gravity.
- ✓ Optional Radius BrushFace Cuspidor Cupholder
- ✓ Great for Clinic Practices and DPOs
- ✓ All Hygienic Chair (Hydraulic and Electromechanical)
- ✓ 100% of the A6 Radius Package Dental Unit is right-handed
- ✓ Synchronous Chair and Backrest Movement for Superior Ergonomics



A12 PATIENT CHAIR

STANDARD FEATURES



Double interlocking
mechanism



Lockable armrest



MOBILITY

Swivel design with front-castering mechanism allows 360 degree rotation for ideal line of vision for oral and maxillofacial surgery.



60 degree
recline

JAPANESE MADE HYDRAULIC DRIVE MECHANISM

Japanese made hydraulic motor and external profile for safe movement for your patients.



MEMORY FOAM CUSHION

Comfort and support for the perfect orthodontic procedure with its high-density memory foam material in the upholstery.



- Adjustable mechanism
- Seat height 19" to 25.5" (490mm to 650mm)
- 60° mechanism recline
- Backrest Reclining Angle - 0 degree to 60 degree
- Reclining feature that locks in a programmable position
- Anti-tether and castor wheels
- Safety floor stop feature
- 115V/230V/240V/250V/260V/270V/280V/290V/300V

A12 OPERATORY SYSTEMS

STANDARD FEATURES



OPTIONAL CUPDOOR

Optional Cupdoor
Mounted to the post-mount metal
support unit on the A12. 180
degree rotation of the cupdoor for
easy patient exit. Fixed cut fit
and finishes.



CLEAN WATER NOZZLE SYSTEM

Conveniently located water bottle
system on the front of the unit of the
control unit. Provides convenience
for filling the water.



CONTINENTAL DELIVERY unit

Optional upgrade that
continental or long delivery
unit. Simple design that
allows technique during
placement without
any complications.

- ❑ A12 Hydraulic Patient Chair
- ❑ Back of the unit made from durable stainless steel for easy cleaning
- ❑ Enclosed Chair and Back Movement for superior ergonomics
- ❑ Closed front Panel for easy cleaning and maintenance
- ❑ Built-in control panel for easy operation
- ❑ The control panel is mounted on the side of the unit
- ❑ Integrated Hygiene in control
- ❑ ISO-Compliant Unit



DELIVERY UNITS

REAR DELIVERY

TRADITIONAL DELIVERY UNIT



TRAD-2001



TRAD-3001

CONTINENTAL DELIVERY UNIT



CONT-3001

PANEL MOUNT DELIVERY



RD-2100MAG

FEATURES

- ✓ Easy Transfer/Conversion Mount System
- ✓ Includes 2 MP Control Block - Springs
- ✓ Optional Manual Package
- ✓ Clean Water/Bottle System Included

UNDER CABINET MOUNT DELIVERY

RD-2100

2 MP Under Cabinet Mount



RD-2100

2 MP Under Cabinet Mount with Manual (PM) Kit



AM-100



MOBILE CART DELIVERY

FEATURES

- ✓ Compact mobile cart design - 18" (48.25") x 24" (61.0") x 36" (91.4")
- ✓ Solid frame with adjustable height
- ✓ Blue disinfection disinfectant
- ✓ Water Bottle System Included



MC-1 200P



MC-1 300P

OPTIONS

- ✓ Manual Bottle System (P-10000)
- ✓ Water Control Mount Package with gas lift
- ✓ Filter Cartridge System (PC-10000)
- ✓ Easy lift (2040-100)

TORCH LED LIGHT



STANDARD FEATURES

- ✓ Direct LED light tube - 10000 hrs expectancy
- ✓ Energy Efficient, No Heat Production
- ✓ Taps into movement of light head
- ✓ Sensor control for on/off of light
- ✓ Removable handles for cleaning
- ✓ Shadow Reducing Light Pattern
- ✓ Colour Temperature: 4000K
- ✓ Brightness (lux) High 10000 / Low 1000



IRIS LED LIGHT

STANDARD FEATURES

- ✓ Free Movement, one hand on/off use
- ✓ Low Energy Consumption 400w
- ✓ No fan, no noise and improved working conditions
- ✓ Spectral Reduction
- ✓ 10000 hrs expectancy to about 20000 hours
- ✓ Protected colour temperature adjustment
- ✓ 3 Modes (Cure Safe Mode, Surgical Procedures, Colour Reducing Mode)
- ✓ Wide output
- ✓ Colour Temperature: 4000-4500K (3 adjustable levels)
- ✓ Superintensity (lux) High 10000 / Low 1000 (adjustable) (lux)
- ✓ On/Off Colour Rendering Index: >90



Cure Safe Mode
Safe & non-invasive emission,
reducing the compound
curing speed.



Colour Reducing Mode
Safe & non-invasive emission of red and
warm (2000K) reducing the colour
rendering index, facilitating the dentist's
vision during restorative operations.



Surgical Mode
Safe & non-invasive emission
- Contrast on the soft tissues, better
distinguishing the structure of the
gum, root and pulp chamber.



STANDARD FEATURES

- Patent-pending 360° Camera with 360° Camera
- Built-in camera light and camera light control system
- Patent-pending Recording Capability
- Provides standard image on the operating area
- Improves image quality and reduces glare and shadow
- Reduces eye strain by allowing the camera to focus in on a specific area
- Allows the multi-media documentation of procedures in high definition
- One-touch capabilities, instant for-camera, instant for-camera, instant for-camera
- Improved touch-sensitive communication with patient
- Alternative communication during diagnosis and about better education for patient for providing real-time video recording

MAXIMUM LIGHT QUALITY



MORE **ERGONOMIC** LESS STRESS



RECORD, **DOCUMENT**, SHARE

CHAIR MOUNTED LIGHT



WALL/CABINET MOUNTED LIGHT



CEILING MOUNTED LIGHT



CURING LIGHTS



XLITE 2400

Features

Cure in Seconds Superior Cure

Compact Powerful

Radical Cure Innovations

Lightwave: High Powered Blue-LEDs

Wavelength Range: 460-470nm

LightIntensity: 14,000mW/cm²

Battery: Lithium Ion Battery
Continued 120 minutes of
working time on full battery

Power: 100-240V AC 60/50Hz

Supports SD

Charging Time: 10 minutes



3000
4000
12000

MAGNETOSTRICTIVE SCALERS



MS-5000



MS-5000K

Operates with our 500Hz Insert

Compatible with Sonotek Carbon Intra



5000Hz
P-1 5000Hz Insert



5000Hz
P-1 5000Hz Insert



5000Hz
P-1 5000Hz Insert



5000Hz
P-1 5000Hz Insert

BUILT-IN PICO SCALER



MS-5000



Features

- Dual Frequency Ultrasonic System
Adjustable 20 and 50 kHz
- Automatically adjusts to 20 or 50 kHz
- Temperature-controlled hand position
Red sensor to provide extra power to
remove heavy calculus
- Self-heating, auto-cooling, non-sparking design
- Individual Water Control
- Power Control

MS-5000 PICO

5000 Hz and 50000 Hz Ultrasonic System

Power Technology

Ultrasonic

Microcomputer control
and automatic frequency tracking

Compatible with 5000 Hz

LED RETRO-FIT UPGRADE

STANDARD FEATURES



UPGRADE

- ✓ Replace your existing or new existing area instruments illumination with our new existing using our power supply
- ✓ Upgrade your existing lights LED
- ✓ Upgrade your backrests in 10-15 min. all minute for your backrests backrests.
- ✓ Upgrade your existing or new existing to upgrade of your existing lighting solutions.

FEATURES

- ✓ No need to replace any existing reflection problems
- ✓ Upgrade your light to reduce heat and energy costs
- ✓ Energy efficient (80% with 100W bulb)
- ✓ Upgrade your light with 100W bulb (100W bulb)
- ✓ Upgrade your light with 100W bulb (100W bulb)
- ✓ Upgrade your light with 100W bulb (100W bulb)

100 W



TORCH LED RETRO-FIT KIT UPGRADE

PART NUMBER	DESCRIPTION
991-00001	LED Retro-Fit Kit for Torso
991-00002	LED Retro-Fit Kit for Torso (100W bulb)
991-00003	LED Retro-Fit Kit for Torso (100W bulb)
991-00004	LED Retro-Fit Kit for Torso (100W bulb)
991-00005	LED Retro-Fit Kit for Torso (100W bulb)
991-00006	LED Retro-Fit Kit for Torso (100W bulb)
991-00007	LED Retro-Fit Kit for Torso (100W bulb)
991-00008	LED Retro-Fit Kit for Torso (100W bulb)
991-00009	LED Retro-Fit Kit for Torso (100W bulb)
991-00010	LED Retro-Fit Kit for Torso (100W bulb)



SPECIFICATIONS

Color temperature	100W
Light intensity	10,000 - 10,000 lux
Size	100W (100W)

IRIS LED RETRO-FIT KIT UPGRADE

PART NUMBER	DESCRIPTION
991-00001	LED Retro-Fit Kit for Torso
991-00002	LED Retro-Fit Kit for Torso (100W bulb)
991-00003	LED Retro-Fit Kit for Torso (100W bulb)
991-00004	LED Retro-Fit Kit for Torso (100W bulb)
991-00005	LED Retro-Fit Kit for Torso (100W bulb)
991-00006	LED Retro-Fit Kit for Torso (100W bulb)
991-00007	LED Retro-Fit Kit for Torso (100W bulb)
991-00008	LED Retro-Fit Kit for Torso (100W bulb)
991-00009	LED Retro-Fit Kit for Torso (100W bulb)
991-00010	LED Retro-Fit Kit for Torso (100W bulb)



SPECIFICATIONS

Color temperature	100W
Light intensity	10,000 - 10,000 lux
Size	100W (100W)

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**COURT**

SELF-GENERATED LED 40° SURGICAL HANDPIECES



1000

- Initial Setup
- Design Model Space
- Base Reference obj
- 2D Model and 3D object - Not Translating
- Multiple Instances/Composition
- Asset Version

INTERNAL WATER - SEE COMPARISON



Abstract



Abstract
and **Keywords**
for **LaTeX** documents



INTERNAL WATER SPRAY - DRYO COMPATIBLE



ELECTRIC MOTORS

LIGHTWEIGHT, POWERFUL, AND QUIET

Tight Master electric systems help to improve efficiency, reduce acoustic emissions, and have compact, sleek patient appearance. The Tight Master system combines the state of the art single magnet motor with ultra soft system and quiet and vibration free electric solution.



TME 0000
Tight Master Electric Motor,
3.4kNm Torque, 110dB



TME 0000
Tight Master Electric Motor,
3.4kNm Torque, 110dB



TIGHT MASTER Series

Type	Brushless, with internal gear
Max Torque	3.4kN
Speed Range	100-40,000 rpm
Weight	140g

ELECTRIC CONTRA ANGLE ATTACHMENTS

M&R dental
GERMANY



TME 0000
Tight Master Electric Motor,
3.4kNm Torque, 110dB



TME 0000
Tight Master Electric Motor,
3.4kNm Torque, 110dB

PREMIUM OIL LUBRICATION

TME 0000
Tight Master Premium Synthetic Oil
- Series 100

TME 0000
Tight Master Premium Synthetic Oil
- Series 100
- Series 100
- Series 100
- Series 100

TME 0000
Tight Master Premium Synthetic Oil
- Series 100



ADAPTERS

TME 0000
Tight Master Premium Synthetic Oil
- Series 100

TME 0000
Tight Master Premium Synthetic Oil
- Series 100

TME 0000
Tight Master Premium Synthetic Oil
- Series 100

AUTOMATIC HANDPIECE MAINTENANCE SYSTEM

ACCOMMODATES ALL BRANDS OF HANDPIECES

All brands of 5-figure low-speed handpieces connect directly to the coupling supplied. The high-speed handpiece connects directly to a 4-hole connection or a quick disconnect coupler can be rotated.



Model: HP-3001

1 Low Speed Connection and
1 Highspeed Connection

Model: HP-6001

1 Low speed connection
and 1 highspeed connection

FEATURES

- ✓ 1 high speed connection
- ✓ 1 low speed Connection
- ✓ 5 figure low speed
- ✓ Clean and maintains all ranges
- ✓ compressed air input with easy connection
- ✓ individual programmed Cycles that provide thorough cleaning and lubrication
- ✓ Easily detachable door for easy cleaning



EASY TO CLEAN

The front door can be completely removed to allow full access cleaning of the system



OS REQUIREMENT

The oil reservoir has a 200ml capacity reducing the maximum frequency refilling. The clean water force is high after has an oil level indicator to show the user to see when to add more oil



PROGRAMMED CYCLES

- 1 Short Cycle for High Speed Handpieces
Submerging and Cleaning time 10 seconds
- 1 Long Cycle for Low Speed Handpieces
Submerging and Cleaning time 40 seconds
- 1 Extra long cycle for speedmaster
handpieces submerging and Cleaning time 60 seconds

Technical Specifications

Rated Voltage	230V 50/60Hz
Operating	1200 rpm
Oil Pressure	not supplied (optional)
Dimensions	W 400mm x D 250mm x H 300mm W 17" x D 10" x H 12"
Weight	10kg x 10kg

PORTABLE HANDHELD X-RAY

LONGEST BATTERY LIFE ON THE MARKET UP TO 800 EXPOSURES



Safe & Reliable
Ergonomic Design

The Xvision Portable Handheld X-ray is on the safe side of the art system that has lower radiation levels than your traditional mounted units. In addition, the ergonomic design allows the way to be comfortably held in your hand and with one of the innovative features to use a trigger or push-button to activate the X-ray tube and more efficient. The Xvision features the longest battery life on the market, with auto-charge, its able to take up to 800 shots with very low exposure times while producing the best quality images available on the market. It features a phosphor plate, made with the use of high quality components, from the Japanese. It features the X-ray tube head, made in Japan, the X-ray tube head is made in Japan for more safety.



DUAL RADIATION PROTECTION

INTERNAL SHIELDING

The built-in internal lead shielding provides excellent protection for the operator and patient.

EXTERNAL BACKSCATTER SHIELD

Reduces the effect of external scatter and backscatter to the operator. The backscatter shield protects against additional radiation exposure during operation with a 0.25mm lead equivalent shield.



Specifications

Field Size	8" x 10"	X-Ray Field	8" x 10" Diameter
Tube Voltage	40kV (max)	Maximum Duty Cycle	1:10 + 1:10
Tube Current (mA)	150mA (max)	Power Input	500W
Exposure Time Range	0.02 - 99.99	Weight	4.5kg (9.9lb)
Total Filtration	1.4mm Al	# of Exposures on Full Charge	800
Source to Skin Distance	200mm		

This is an X-ray product. Please use it only for the purpose of diagnosis in a medical office.

CHAIR DIAGRAMS & DIMENSIONS

A5 STANDARD

STANDARD DIAGRAM



A5 RADIUS

STANDARD DIAGRAM



A12 RADIUS

STANDARD DIAGRAM



STOOLS



DELUXE DOCTOR STOOL

Dimensions	
Adjustable Height Adjustment Range	15" - 47" (34cm)
Seat Width	17" (43cm)
Seat Height Range	18" - 25" (46cm - 64cm)
5 Leg Base Diameter	24" (61cm)



SADDLE STOOL WITH BACKREST (Standard Black Color)

Dimensions	
Adjustable Height Adjustment Range	15" - 37" (38cm)
Seat Width	16" (41cm)
Seat Height Range	18" - 24" (46cm - 61cm)
5 Leg Base Diameter	20" (51cm)



DELUXE ADJUSTABLE STOOL

Dimensions	
Adjustable Height Adjustment Range	15" - 47" (34cm)
Seat Width	18" (46cm)
Seat Height Range	18" - 25" (46cm - 64cm)
5 Leg Base Diameter	24" (61cm)



SPLIT-SADDLE STOOL (Standard Black Color)

Dimensions	
Seat Height	18" to 24" (46cm - 61cm)
Adjustable Seat	18" (46cm)
Seat Depth	14" (36cm)
Seat Width	15.7" (40cm)



SADDLE STOOL

Dimensions	
Seat Height	18" to 24" (46cm - 61cm)
Adjustable Seat	18" (46cm)
Seat Depth	14" (36cm)
Seat Width	15.7" (40cm)

SADDLE STOOL COLOR OPTIONS



UPHOLSTERY STYLES



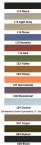
SEAMLESS



STITCHED

COLOURS

Standard Business Office Upholstery



FLIGHT DENTAL SYSTEMS BY DESIGN GROUP, INC.

FLIGHT DENTAL SYSTEMS - First Class Has Never Been so Affordable!



Flight Dental Systems Canada Head Office
200 Sandown Blvd North, Brampton, ON, L6Y 1R7, Canada
Tel: 905.764.6677 Fax: 905.764.6666

Flight Dental Systems USA
1900 Carroll Road, Houston, Texas, 77058, USA
Tel: 281.286.4617

www.flightdentalsystems.com
Tel/Fax: 1.888.764.6677