

RADIOGRAPHY

The use of x-ray equipment in the surgery is widespread and constantly evolving. Our radiography range caters for all of your manual and digital requirements. Every thing from protection items, manual processing chemistry and film, through to the latest in intra oral and digital imaging equipment. We also stock a full range of ancillary items to ensure your radiography activities run as smooth as possible each and everytime.

For all your Radiography needs Talk To Us.



SECTION 12

RADIOGRAPHY

CONTENTS

APRON	215
DARKROOM EQUIPMENT	215
FIXER AND DEVELOPER	215
STAIN REMOVER	215
FILM	216-217
IMAGING PAPER	217
FILM HOLDERS	217-218
FILM MOUNTS	218
X-RAY VIEWERS	218
X-RAY UNITS	219
IMAGING SYSTEMS - DIGITAL	220
IMAGING SYSTEMS - INTRA ORAL CAMERA	221

APRON



STAR

Designed for complete patient protection of the neck, throat, shoulders and gonadal area. Complete with single Velcro closure.

Adult Apron with Blue Collar – 61x69cm

STR64BLUE 

FIXER AND DEVELOPER



Automatic Processing

Readymatic Chemistry

KODAK

These chemicals come in ready to use formulations, eliminating the need for mixing and dilution. They can be used in any automatic dental film processor to deliver consistent processing quality for both intraoral and extraoral radiographs. You start and replenish with the same chemicals. One solution for developing and one for fixing.

Readymatic Fixer & Developer 2 x 3.8 Litres each

KOD1028869 



GBX Chemistry

KODAK

Liquid chemical concentrates designed for the manual processing of all Kodak dental films both intraoral and extra oral. Both the developer and fixer are single solution concentrates providing mixing convenience and improved chemical stability.

GBX Developer & Replenisher, makes 2.5 litres

KOD4037180 

GBX Developer & Replenisher, makes 25 litres

KOD4037206 

GBX Fixer & Replenisher, makes 2.5 litres

KOD4037214 

GBX Fixer & Replenisher, makes 25 litres

KOD4037230 

DARKROOM EQUIPMENT



Manual Chairside Developer

STAR

This unit is ideal for in surgery use and comes complete with daylight hood and four tanks for developer, fixer and rinsing solutions. The angled top permits excellent visibility and the red top cover filter allows x-rays to be safely developed under normal lighting conditions. The casing is fabricated from highly durable plastic with suction cups to hold the unit securely in place.

Star Developer, Manual Chairside

Size 302mm x 445mm x 311mm

STR732 



Manual Processing

Rapid Access Chemistry

KODAK

Designed for manual processing of intraoral dental x-ray films to produce a processed radiograph suitable for viewing in 30 seconds. (15 seconds development time and 15 seconds to fix) No mixing is required and it is compatible with Kodak Ektaspeed Plus and Kodak Ultra-Speed intra oral dental films

Rapid Access Twin Pack 1 Pint Fixer & Developer

KOD1838374 

STAIN REMOVER



X-ray Chemical Stain Remover

ANSWORTH

For the removal of chemical stains from clothing. Also Suitable for cleaning x-ray developing tanks.

100 ml

AIN656220 

FILM SIZES AVAILABLE

Kodak

The diagrams on this page are actual size.

Periapical

For the examination of the entire tooth and its surrounding structures.

<p>SIZE 0 $\frac{7}{8} \times 1\frac{3}{8}$" 35 x 22 mm</p> <p>Anterior/Posterior Child 3-5yrs</p>	<p>SIZE 1 $\frac{15}{16} \times 1\frac{9}{16}$" 40 x 24 mm</p> <p>Anterior Adult/Child 6-8yrs Posterior Child 6-8yrs</p>	<p>SIZE 2 $1\frac{1}{4} \times 1\frac{3}{8}$" 41 x 31mm</p> <p>Anterior/Posterior Adult • Child 9-12yrs</p>
--	--	---

Bitewing

For interproximal examinations.

<p>SIZE 0 $\frac{7}{8} \times 1\frac{3}{8}$" 35 x 22 mm</p> <p>Anterior/Posterior Child 3-5yrs</p>	<p>SIZE 1 $\frac{15}{16} \times 1\frac{9}{16}$" 40 x 24 mm</p> <p>Anterior Adult</p>	<p>SIZE 2 $1\frac{1}{4} \times 1\frac{3}{8}$" 41 x 31 mm</p> <p>Posterior Adult</p>
<p>SIZE 3 $1\frac{1}{2} \times 2\frac{1}{4}$" 54 x 27 mm</p> <p>Posterior Adult</p>		

Occlusal

For examination of large areas of the maxilla and the mandible.

SIZE 4
 $2\frac{1}{4} \times 3$ "
 76 x 57 mm

FILM



Insight®
 KODAK



This is Kodak's highest speed dental film (Group F) for the greatest reduction in radiation exposure. Up to 60% less than D Speed films. Suitable for both manual and automatic processing procedures.

Periapical

IP21 Super PolySoft Size 2 Pack 150
 KOD1163401

IP22 Double Film Size 2 Pack 150
 KOD1798628

Periapical - Clinasept

IP01C Size 0 Pack 75
 KOD1200328

IP02C Double Film Size 0 Pack 75
 KOD1247410

IP11C Size 1 Pack 75
 KOD8262107

IP12C Double Film Size 1 Pack 70
 KOD1004175

IP21C Size 2 Pack 100
 KOD1539931

IP22C Double Film Size 2 Pack 100
 KOD1560390

Bitewing

IB21 Size 3 Pack 100
 KOD8298929

FILM



Ultra Speed
KODAK

A high-contrast, fine-detail film that renders excellent image quality. This film also exhibits outstanding processing and handling characteristics.

Periapical

DF54	Size 0	Pack 100
KOD1228840		
DF57	Size 2	Pack 150
KOD1753664		
DF58	Size 2	Pack 150
KOD1658194		

Periapical Clinasept

Easily and effectively minimise the risk of cross-contamination that may occur during intra oral exams and dark room processing. The clew barriers guard film packets against contaminants that may be present in oral fluids.

DF54C	Size 0	Pack 75
KOD1445360		
DF58C	Size 2	Pack 100
KOD1717131		
DF57C	Size 2	Double Pack 100
KOD8987877		

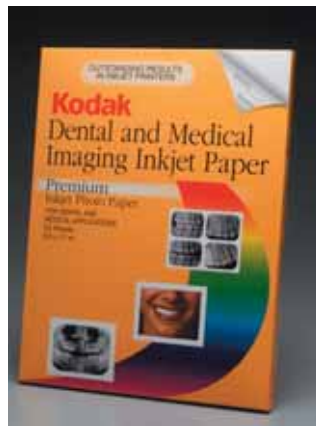
Occlusal

DF49	Size 4	Pack 25
KOD1666122		
DF50	Size 4	Pack 25
KOD1666163		

Bitewing

DF40	Size 2	Pack 50
KOD8393043		
DF42	Size 3	Pack 100
KOD1296771		

IMAGING PAPER



A premium glossy ink jet paper for photo quality ink jet printing of digital dental images. It is ideal for printing case presentations, digital photographs or radiographs. It absorbs inks and dries more quickly than other ink jet papers reducing the chance of smudging.

A4 Imaging Paper - Box 50 Sheets
KOD8364168

FILM HOLDERS

The Hawe X-RAY film holder system saves you from incorrect positioning. The film is protected from bending by means of a retaining plate. The aiming device, which is closely linked to the film, is moved to the controllable extraoral area. This guarantees reproducible precision when positioning the X-Ray tube, a constant series of reliable radiographs and total exposure.



Kwik Bite
HAWE

Kwik-Bite® is a film holder for horizontal bitewings (standard bitewings). It guarantees perfect radiographs without overlaps and hence eliminates the need for repetition and unnecessary exposure to

FILM HOLDERS

X-rays. A direct comparison of radiographs over the years can be made for the same patient. Autoclavable up to 134°C.

With ring, Box 5 and 1 Centering Device	
HAW1780	
With index, Box 15	
HAW270	



X-Ray film Holder Test Set
HAWE

Contents: 6 film holders with ring (1 Kwik-Bite, 1 Super-Bite Anterior, 1 Super-Bite Posterior, 1 Paro-Bite, 1 Endo-Bite Anterior, 1 Endo-Bite Posterior, 6 Centering Devices).

HAW1720 X-ray Film Holders System w/ring	
Box 4	



Kwik-Bite® Senso
HAWE

A universal sensor holder for direct digital imaging of horizontal bitewings. The innovative sensor holder is compatible with all commonly used brands and sizes of sensors. Thanks to its patented clamping device Kwik-Bite Senso allows easy and fast positioning of the sensor. The rubber covered clamps prevent slipping of the sensor. It also guarantees excellent details on radiographs due to precise positioning by the proven extra-oral centering aid. Test it now!

Standard Kit, 4 Sensor holders plus ring,	
1 Centring Device	
HAW2700	

FILM HOLDERS



Super-Bite
HAWE

Super-Bite is indicated for periapical radiographs of anterior and posterior teeth including periapical tissue. The Super-Bite X-ray film holder is intended for a wide variety of film thicknesses, in order to guarantee the best possible grip. SuperBite is also suitable for indirect digital systems, Autoclavable up to 134°C.

2 Anterior, 2 posterior, 2 Centering Device
HAW1020

Anterior Refill with Ring Box 4 & 1 Centering Device
HAW1021

Posterior Refill with Ring Box 4 & 1 Centering Device
HAW1022



Endo - Bite
SDS KERR

Endo-Bite is a special film holder for diagnostic X-rays of root canal instruments during root treatment, checks on root fillings and inserted pins and screws and for general use when the bite is blocked (e.g. rubberdam clamps). The system includes two types of holder (anterior, green and posterior, red) for use in all four quadrants. Autoclavable up to 134°C.

Assortment - 2 Endo-Bites Anterior with rings,
2 Endo-Bites Posterior with rings, 2 Centering Devices
HAW1790

Anterior, Refills with rings. Pack 4 & 1 Centering device
HAW1791

Posterior, Refills with rings. Pack 4 & 1 Centering device
HAW1792



Disposable Sensor Covers
HAWE

3.5 x 20.5cm Pack 500
HAWPE3735

4 x 21cm Pack 500
HAWPE3736



Rayvue

Rayvue bite wing holder, tear off holders as required. Compress between fingers to shape and slide film into open holder.

Bite Wing Holder Box 144
XR0001

FILM MOUNTS



PROGRESS

A continuous roll of 1000 windows 1.75 x 1.75 inches wide for storing film negatives.

Universal Film Mounts, Box 1000
PRO1000

X-RAY VIEWERS

A range of high quality, durable and high intensity x-ray viewers for multi-purpose applications. Steel construction with chromed frame and evenly illuminated viewing screen provides excellent definition for all radiographs.



Star100

This slimline X-Ray viewer is only 6cm thick and can be hung on the wall or placed on the desk top. With a viewing area of 36cm x 15cm it will accommodate a full series of mounts and all types of panoramic films.

39cm x 18cm x 6.3cm
STRDE100WH50

Globe - 14w
ZSTRGLOBE



Star120

Same dimensions as above with an additional glass magnifier to make reading of x rays easier. Magnification is 2 1/2 times and slides both horizontally and vertically.

With Magnifier
STRDE120WH50

X-RAY UNITS

Belray 096

BELMONT

A simple selection of technique factors for quality, high contrast radiographs

1. Select tooth type
2. Select patient type
3. Take exposure

A microprocessor selects the optimal exposure time based on patient and film type, cone length and tooth to be radiographed.

A manual mode will personalise the film density for you, with a possible 58 density settings between 0.02 sec and 3.0 sec.

The Belray 096 Is compatible with most digital imaging radiographic systems with exposure time able to be set as low as 0.02 sec, the equivalent of 1 impulse.

The unit is available in mobile, floor and ceiling mount options.



Belmont Intra Oral X-Ray Units

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

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

Phot-X II

BELMONT

Offers lower levels of exposure to radiation and the ability to bespoke settings for all types of Patient. It provides superb image quality on both digital and film systems by offering several variables in the settings.

The compact tube head is lightweight, making it easy to hold and position. The scissor arm gives total flexibility and excellent stability for perfectly reliable positioning.

Power specification: 60 and 70 KV / 4 and 7mA.



IMAGING SYSTEMS - DIGITAL IMAGING SYSTEMS



USB Digital X-ray Sensors
SATELEC SOPIX

Sopix CCD digital X-ray technology produces fast, high quality images every time (22.7 pair lines)

- Easy-to-use, icon-driven software which is both highly intuitive and comes with full diagnostics
- Images are available within seconds, so if the image is not perfect you can reposition the sensor and take another image
- E.C.S. (Exposure Control System) automatically sets the correct exposure
- Hot plug & play means Sopix is always available to take the next image
- For improved positioning technique, a Rinn positioning system helps improve imaging accuracy, as well as patient comfort.



Sopix Bluetooth Digital X-ray Sensors
SATELEC SOPIX

Sopix Bluetooth has all the benefits of Sopix CCD digital X-ray technology, with the added benefit of proven Bluetooth broadband technology, to provide the best solution yet for the shared surgery environment

- Bluetooth detects signals over a 10 metre range in any direction, with outstanding reliability
- Sensors connect to the lightweight (170 g) controller, and can be carried from one surgery to the next
- Nothing to unplug, no wires between patient & computer

Two sensor kits available:

- No 1 size for all periapical, particularly for anterior teeth & canines
- No 2 size for bitewings & posterior teeth



Two display modes: Full Screen and Design Mode, Excellent Picture quality



Sopix CCD Digital X-Ray



Sopro 595 intra-oral Camera



Sopro 717 Camera with SoproShade

Sopro Imaging Software - The Easiest Software to Use!
SATELEC SOPRO

Intuitive, icon-driven software makes Sopro Imaging Software one of the easiest to use. Simply roll over icons to determine function and toggle on/off to operate. Large icons makes selection fast & easy.

- A wide set of image manipulations, including measures & angulations, pseudo colour & video inversions, zoom & spotlight and histograms are available, for improved diagnosis. A reset icon returns the image to its original state.
- Automatic software updates are available over the Internet, while international TWAIN compatibility means that Sopro Imaging Software will work with many other imaging software programs and imaging devices.
- Combine Sopro 595 intra-oral, the new Sopro 717 with SoproShade and Sopix digital images all in the one software package!

IMAGING SYSTEMS - INTRA ORAL CAMERAS



Sopro 595



Sopro 595 Touch Intra-Oral Camera

SATELEC SOPRO

Sopro 595 provides general practitioners with quality images to aid everyday patient communication and consultation.

- "Feather-light" sensor touch, allows images to be taken in an instant
- Auto-focus for easy image taking
- Lightweight (50 g) ergonomic handpiece, with Quick connector allowing camera to be shared between surgeries.

Sopro 595 is available in two models:

- Sopro 595 Touch Integrated – integrates inside chair unit & connects direct to LCD screen. Displays 1 or 4 images on a screen at any one time. Ideal intra-oral camera solution for communication with patients during consultation. (Images can be stored with the addition of a capture card).
- Sopro 595 Touch USB connects directly your computer's USB2 port and includes Sopro Imaging Software. This option is ideal if images need to be stored for further referral (e.g. before & after cosmetic and restorative procedures). Store Sopro digital x-ray images in the same easy-to-use imaging software.



NEW! Sopro 717

SOPRO 717 Dental Camera, with SoproShade®

SATELEC SOPRO

Designed for busy cosmetic & restorative practices, SOPRO 717 is a high quality dental camera with unique built-in shade selection system

- Convenience of macro, intra-oral and extra-oral images all in the one camera
- Very fine distal camera head, allowing access to narrowest parts of the mouth
- An invaluable tool to aid the visual shade matching process
- Intense light source, close to the colour temperature of sunlight (6,000 K)
- Communication to the laboratory is very easy – simply email all shots direct from the Sopro Imaging software