DENTSPLY RINN
Product Selection

DENTSPLY

CONTENTS

Which radiography holder is right for your equipment, and for you?

Page	for Digital Sensors	Universal	Autoclavable	Disposable	Paralleling Technique	Bisecting Angle Technique	Anteriors	Posteriors	Bitewings	Endodontic
5	XCP-DS® Sensor Holders		●		●		●	●	●	●
3	XCP-DS FIT™ Sensor Holders	●	●		●		●	●	●	●
3	XCP-ORA® One Ring & Arm System	●	●		●		●	●	●	
4	Uni-Grip® 360 Sensor Holder	●		●	●	●	●	●	●	
4	Snap-A-Ray® DS Sensor Holder	●	●		●	●	●	●	●	
9	Eezee-Grip® Digital Sensor Holder	●	●			●	●	●		
9	RINN® Digital Sensor Loops			●	●				●	
	for Film and Phosphor Plates									
10-11	XCP® Film & PSP Holder	●	●		●		●	●	●	●
10-11	BAI™ Film & PSP Holder	●	●			●	●	●	●	●
3,11	XCP-ORA® One Ring & Arm System	●	●		●		●	●	●	●
11	EndoRay® II Film & PSP Holder	●	●		●					●
11	Uni-Bite™ Film & PSP Holder	●	●		●		●	●	●	
12	Uni-Grip® Film & PSP Holder	●		●	●	●	●	●		
12	Snap-A-Ray® Xtra Film & PSP Holder	●	●			●	●	●		
12	FLIP-RAY™ BW Film & PSP Holder	●	●		●				●	
12	RINN® Bitewing Loops			●	●				●	

Recommended Cleaning and Sterilization Procedure for Autoclavable Film and Sensor Holders

1. Disassemble instrument(s).
2. Remove debris from components with hot water and soap.
3. Put components in sterilization pouches, and place in the middle tray of the autoclave, away from autoclave walls and heating element. Plastic parts must be in a separate pouch from metal arms, to avoid melting or warping.
4. Cycle per autoclave instructions below. Do not exceed 270° F (132° C).

– DO NOT use phenol-based glutaraldehyde.
– DO NOT use special application or ultrasonic cleaners.
– DO NOT CHEMICLAVE or DRY-HEAT STERILIZE.
– DO NOT cold sterilize.

Note: Plastic parts have a limited life and should be replaced periodically. Any method of sterilization will shorten the life of plastic parts.

IMPORTANT: DO NOT AUTOCLAVE PLASTIC COMPONENTS ON BOTTOM SHELF.

Steam Autoclave Instructions

	Temperature	Pressure	Time
Unwrapped Items	121° C (250° F)	15 psi (103.4 kPa)	15 min.
	132° C (270° F)	30 psi (206.8 kPa)	3 min.
Lightly Wrapped Items	121° C (250° F)	15 psi (103.4 kPa)	20 min.
	132° C (270° F)	30 psi (206.8 kPa)	8 min.
Heavily Wrapped Items	121° C (250° F)	15 psi (103.4 kPa)	20 min.
	132° C (270° F)	30 psi (206.8 kPa)	10 min.

Note: Follow the above instructions carefully. Failure to do so may result in damage to your instruments, autoclave, or other items placed in your autoclave.
from *Safety and Infection Control in the Dental Office*, American Dental Association, Chicago, 1992; p. 44-47.

559902
Posterior

559905
Endo

559901
Anterior

559903
Horizontal Bitewing

559904
Vertical Bitewing

1

2

The biteblock *stretches* for easy assembly.

XCP-DS FIT™

UNIVERSAL SENSOR POSITIONING SYSTEM

Universal design. Custom FIT.
The self-adjusting clip *stretches* to fit your sensor!

Reduce loading time during your digital radiograph procedures with the new XCP-DS FIT Universal Autoclavable Sensor Holder.

- **Universal design** provides a **custom fit** to your sensor
- **One holder** works with both size 1 and size 2 sensors for **less inventory**
- **Autoclavable** for lower cost per use
- **Rigid sensor support** keeps sensor positioned accurately
- **Silicone-cushioned edges** help provide patient comfort and prevent sensor cover perforations
- Use with the XCP-ORA 3-in-1 Positioning System for **easy paralleling**

559900 XCP-DS FIT Hygiene Kit
XCP-ORA Arm and Ring, 8 XCP-DS FIT biteblocks (2 each: anterior, posterior, horizontal bitewing, vertical bitewing)

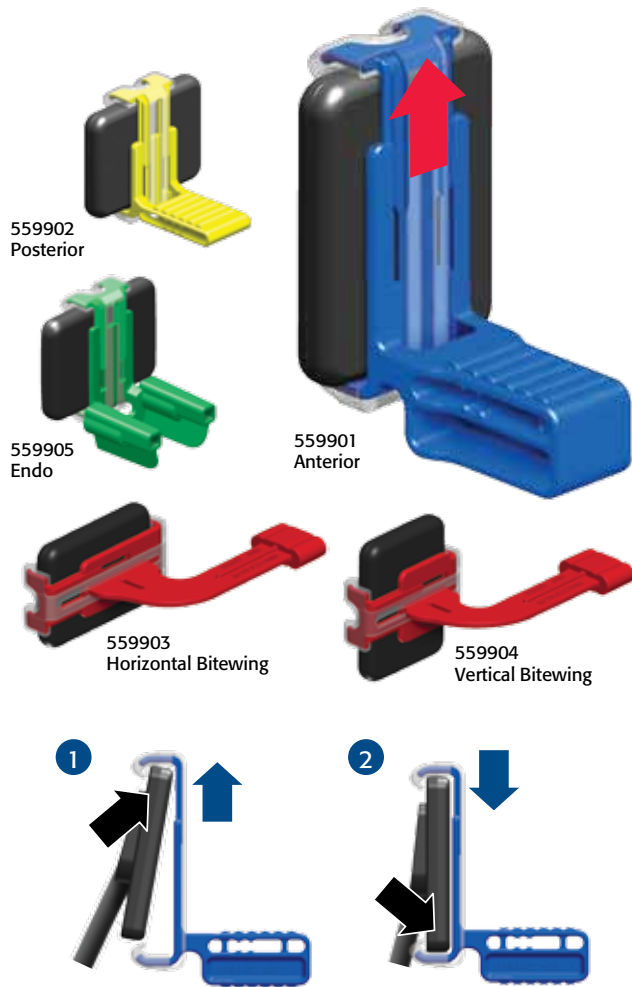**559908 XCP-DS FIT Endo Kit**
1 Endo Ring, 1 Endo Arm, 2 XCP-DS FIT Endo Biteblocks

559909 XCP-DS FIT Complete Kit
XCP-ORA Arm and Ring, Endo Ring and Arm, 10 XCP-DS FIT biteblocks (2 each: anterior, posterior, horizontal bitewing, vertical bitewing, endo)

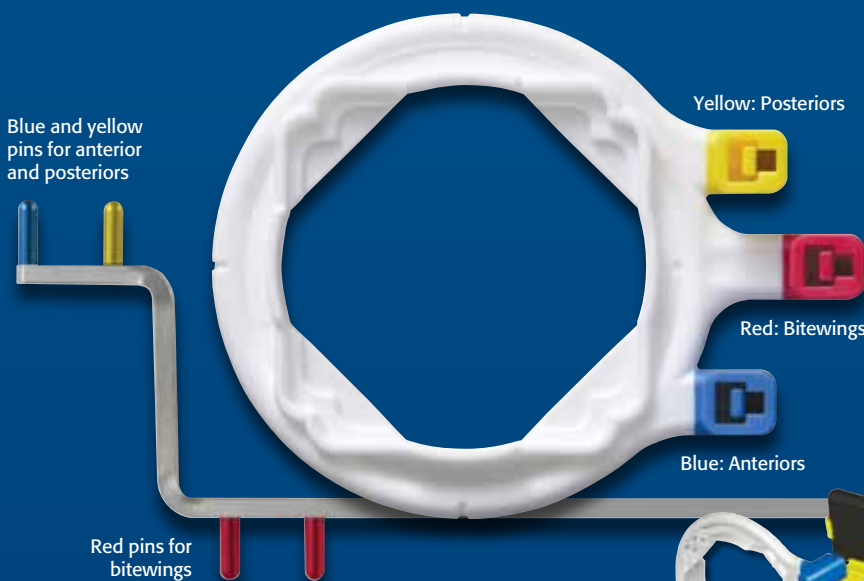**XCP-DS FIT Biteblock Refill Packs** 2 biteblocks per pack

559901 Anterior	**559903** Horizontal Bitewing	**559905** Endo
559902 Posterior	**559904** Vertical Bitewing	

XCP-ORA®

ONE RING & ARM POSITIONING SYSTEM

Blue and yellow pins for anterior and posteriors

Yellow: Posteriors

Red: Bitewings

Blue: Anteriors

Red pins for bitewings

Use with Rinn XCP®, XCP-DS® and XCP-DS FIT™ biteblocks for film and digital sensors.

3-in-1 positioning convenience for Anterior, Posterior and Bitewing

Get more done with ONE

The XCP-ORA One Ring & Arm Positioning System reduces the components needed to accurately position radiographic media with RINN XCP, XCP-DS or XCP-DS FIT biteblocks to just one ring, one arm.

- **For film and sensors**
- **Autoclavable** for lower cost-per-use
- **Lightweight construction** helps patients maintain positioning
- **Unique Ring & Arm design** simplifies your positioning procedure with fewer parts

550771 XCP-ORA Ring & Arm, 1-pack
550772 XCP-ORA Ring & Arm, 2-pack

DENTSPLY Australia   1300 55 29 29   www.dentsplyestore.com.au   ■   **DENTSPLY New Zealand**   0800 33 68 77   www.dentsplyestore.co.nz

3

UNI-GRIP® 360
UNIVERSAL SENSOR HOLDER

For faster FMX...

Adjustable bite-tab allows you to take a full mouth series with only one holder.

New bottom adhesive tabs maximize stability.

The *Improved* Uni-Grip® 360 Universal Disposable Sensor Holder

Save time during your digital radiograph procedures with the new Uni-Grip 360 Universal Disposable Sensor Holder. Improved to make digital radiographs easy and accurate:

- **Make your FMX go faster** — one disposable holder for a complete full mouth series
- **Universal** — Accommodates any #1 or #2 digital sensor holder (also available for film and phosphor plates; see page 12)
- **Fast & Easy** — Attaches in seconds and has perforated adhesive tabs for easy removal
- **Accurate** — Colour-coded channels to ensure quick and correct positioning
- **Comfortable** — Compact size and rounded edges are easy on the patient; 20% thinner than original Uni-Grip
- **Convenient** — No autoclaving of the holder

550052 Uni-Grip 360 Kit
50 Uni-Grip 360 Sensor Holders, 50 Sensor Covers

550252 Uni-Grip 360 Combo Pack
100 Uni-Grip 360 Sensor Holders, 100 Sensor Covers, 1 Uni-GripAR Positioning Arm and Ring

550100 Uni-GripAR® Autoclavable Positioning Arm and Ring

Snap-A-Ray® DS
UNIVERSAL SENSOR HOLDER

Snap-A-Ray®DS and Snap-A-Ray®DS Endo for digital sensors

Our Snap-A-Ray DS holders allow you to quickly load and place digital sensors for accurate periapical radiographs. Prefer to use an arm and ring? You can with this new design: an optional 2-in-1 aiming ring and arm kit is available.
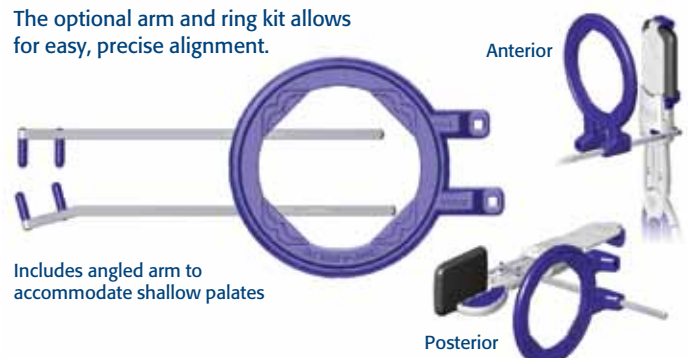
- **Universal design** works with your sensor
- **Autoclavable** for lower cost per use
- Rigid design **prevents flexing**
- Soft overmolding is **gentle to the sensor case**
- **Endodontic version** has cutout bite surface to accommodate rubber dam clamps
- Use with the optional 2-in-1 Arm and Ring kit for **easy alignment**

550321 Snap-A-Ray DS, 1-Pack
550323 Snap-A-Ray DS, 3-Pack
550421 Snap-A-Ray DS Endo, 1-Pack
550423 Snap-A-Ray DS Endo, 3-Pack
550322 Snap-A-Ray DS Arm & Ring Kit
(1 2-in-1 aiming ring, 1 straight arm, 1 angled arm)

Snap-A-Ray DS Endo for endodontic or implant imaging has a cutout bite surface to accommodate rubber dam clamps.

The optional arm and ring kit allows for easy, precise alignment.

Anterior

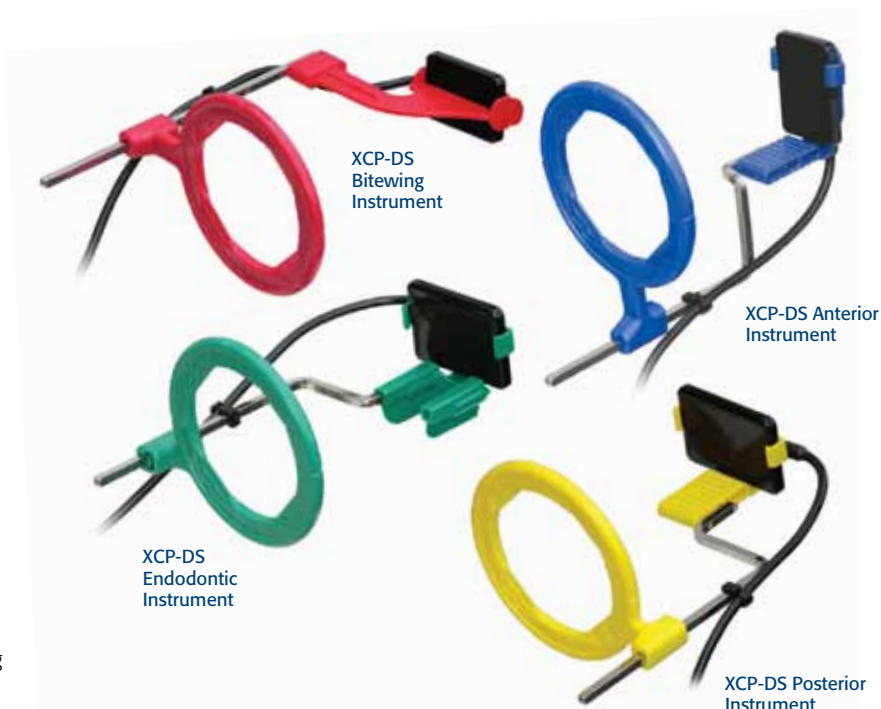Includes angled arm to accommodate shallow palates

Posterior

XCP-DS®
DIGITAL SENSOR HOLDERS

Your key to accurate positioning and perfect x-rays.

- Achieve distortion-free radiographs with paralleling technique
- Securely hold the sensor in place while precisely aligning the x-ray cone
- Custom baskets (holders) for your digital sensor equipment
- Meet all x-ray needs with one kit — anterior, posterior, bitewing, endo
- Available in comprehensive kits and individual components

Easy to Use

- Ergonomic design for enhanced convenience and patient comfort
- Easily assemble components with color-coding
- Simple reordering with standardized parts for all leading brands of sensors
- Fully steam autoclavable

XCP-DS Bitewing Instrument

XCP-DS Anterior Instrument

XCP-DS Endodontic Instrument

XCP-DS Posterior Instrument

Replacement Components

Aiming Rings and Arms are common to all XCP and XCP-DS systems. Systems that do not have one-piece biteblocks require bitepieces (common to all) and specialized baskets designed for each specific style and size of sensor.

Aiming Rings *sold individually*
540865 Anterior (Blue)
540860 Posterior (Yellow)
540934 Bitewing (Red)
550598 Endo (Green)

Arms *sold individually*
540857 Anterior (Blue pins)
540858 Posterior (Yellow pins)
540927 Bitewing (Red pins)
550597 Endo (no pins)

Bitepieces
For use with sensor-specific baskets (sensor holders) for all systems with 2-piece biteblocks. Sold 3 per package.
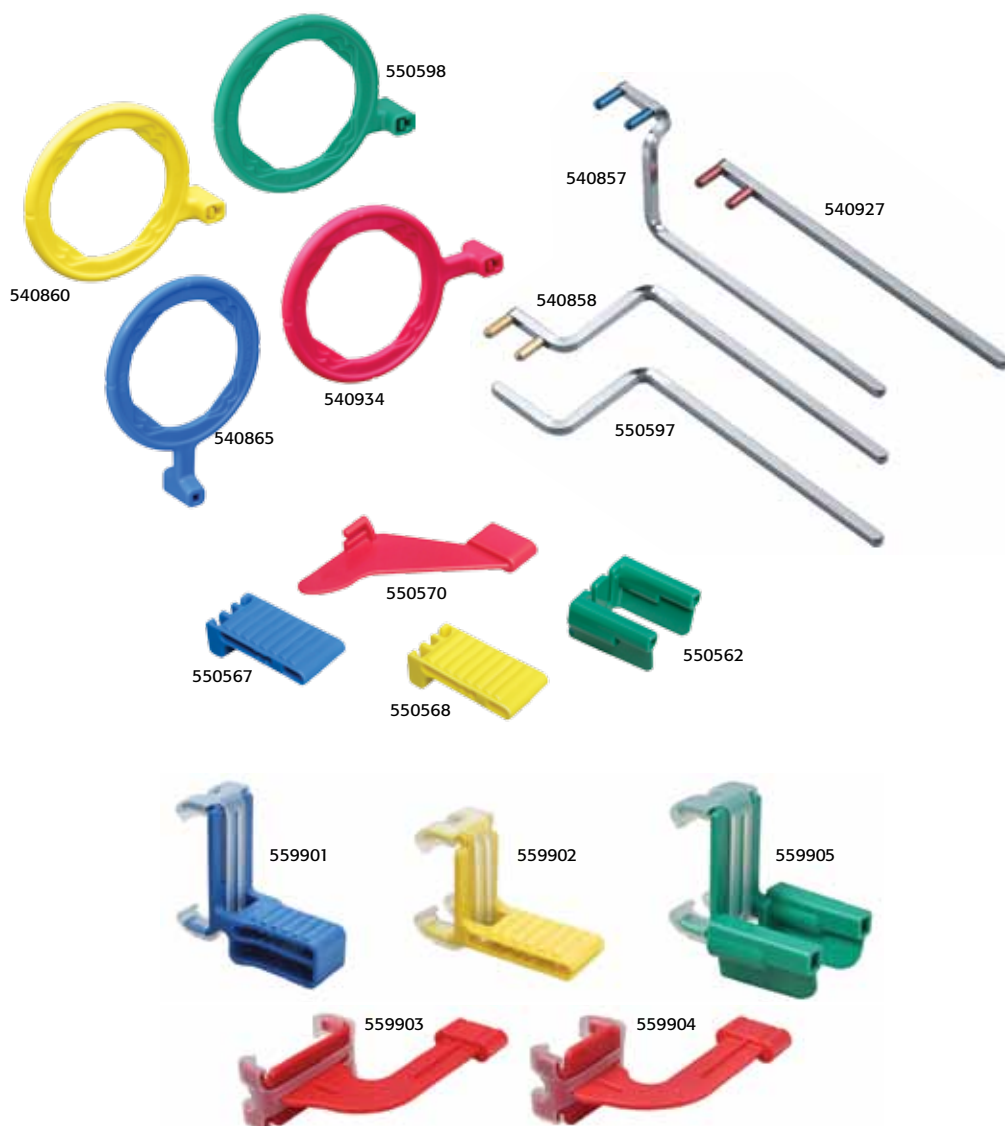550567 Anterior (Blue)
550568 Posterior (Yellow)
550570 Bitewing (Red)
550562 Endo (Green)

XCP-DS FIT Biteblock Refill Packs
Universal biteblocks fit all #1 and #2 size sensors. For more information, see page 3.
2 biteblocks per pack.
559901 Anterior (Blue)
559902 Posterior (Yellow)
559903 Horizontal Bitewing (Red)
559904 Vertical Bitewing (Red)
559905 Endo (Green)

For details on sensor-specific biteblocks, see pages 6-11.

550598

540857

540927

540860

540858

540934

550597

540865

550570

550567

550568

550562

559901

559902

559905

559903

559904

DENTSPLY Australia   1300 55 29 29   www.dentsplyestore.com.au   ■   **DENTSPLY New Zealand**   0800 33 68 77   www.dentsplyestore.co.nz

5

XCP-DS® for Schick CDR

Also suitable for Schick CDR PlusWire, Belmont BelSensor, Sirona XIOS, Dent-X EVA Classic

551160 XCP-DS Kit for Sirona XIOS sensors
551900 XCP-DS Kit for Schick CDR sensors
551990 XCP-DS Kit for Dent-X EVA sensors
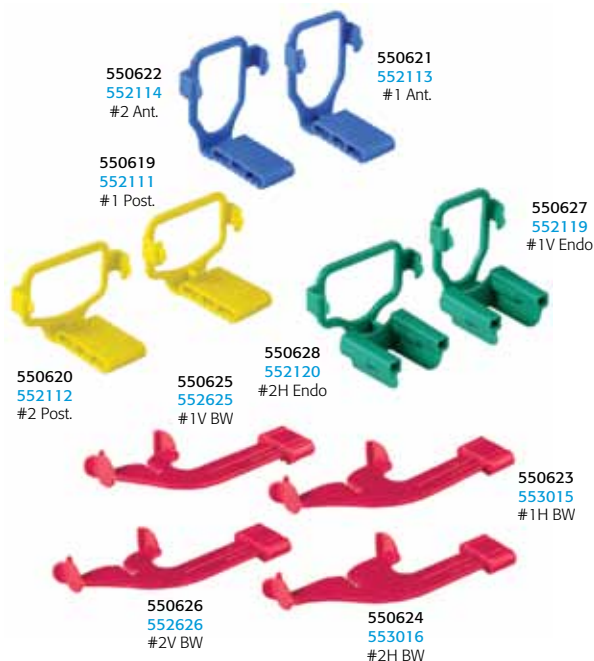5 Arms: 2 Posterior, 1 Anterior, 1 Bitewing, 1 Endo
5 Rings: 2 Posterior, 1 Anterior, 1 Bitewing, 1 Endo
20 biteblocks — 2 each:

550619 #1H Posterior	550620 #2H Posterior
550621 #1V Anterior	550622 #2V Anterior
550623 #1H Bitewing	550624 #2H Bitewing
550625 #1V Bitewing	550626 #2V Bitewing
550627 #1V Endo	550628 #2H Endo

50 XCP-DS Disposable Cord Holders
Instructional Poster

XCP-DS® for Schick CDR Elite

552971 XCP-ORA Kit with Biteblocks for Schick CDR Elite
1 XCP-ORA Arm, 1 XCP-ORA Ring
32 Biteblocks — 4 each:

552111 #1H Posterior	552112 #2H Posterior
552113 #1V Anterior	552114 #2V Anterior
553015 #1H Bitewing	553016 #2H Bitewing
552625 #1V Bitewing	552626 #2V Bitewing

Instructional Booklet

> For endo, biteblocks (552119 and 552120), endo arm (550597) and endo ring (550598) must be purchased separately.

550622
552114
#2 Ant.

550621
552113
#1 Ant.

550619
552111
#1 Post.

550627
552119
#1V Endo

550620
552112
#2 Post.

550628
552120
#2H Endo

550625
552625
#1V BW

550623
553015
#1H BW

550626
552626
#2V BW

550624
553016
#2H BW

Black numbers: for Schick CDR (shown)
Blue numbers: for Schick CDR Elite

XCP-DS® for DEXIS PerfectSize and Platinum

552500 XCP-DS Kit for DEXIS Digital Sensors
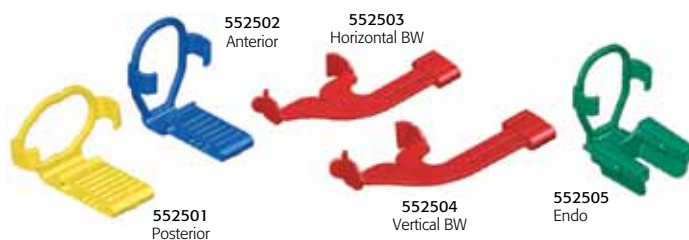5 Arms: 1 Anterior, 2 Posterior, 1 Bitewing, 1 Endo
5 Rings: 1 Anterior, 2 Posterior, 1 Bitewing, 1 Endo
10 Biteblocks — 2 each:

552501 Hor. Posterior	552502 Vert Anterior
552503 Hor. Bitewing	552504 Vert. Bitewing
552505 Vert. Endo	

Instructional Poster #055906

552502 Anterior
552503 Horizontal BW
552501 Posterior
552504 Vertical BW
552505 Endo

XCP-DS® for Trophy Kodak RVG 5000/6000

RVG Access, RVG Ultimate

551070 XCP-DS Kit for Kodak 5000/6000
5 Arms: 1 Anterior, 2 Posterior, 1 Bitewing, 1 Endo
5 Rings: 1 Anterior, 2 Posterior, 1 Bitewing, 1 Endo
10 Bitepieces: 2 Anterior, 4 Posterior, 2 Bitewing, 2 Endo
10 Baskets:

1 **550605B** #1V Anterior	1 **550605R** #1V Bitewing
1 **550605Y** #1V Posterior	1 **550607R** #2V Bitewing
2 **550606Y** #1H Posterior	1 **550605G** #1V Endo
2 **550608Y** #2H Posterior	1 **550606G** #1H Endo

Instructional Poster #005537

550608Y #2H
550606G #1H
550607R #2H
550606Y #1H
550605B #1V
550605G #1V
550605R #1H
550605Y #1V

Use with Bitepieces (page 5)

XCP-DS® for Trophy Kodak RVG 5

RVG ui, RVG Reference, RVG Gold

551080P XCP-DS Kit for Trophy RVG5
5 Arms: 1 Anterior, 2 Posterior, 1 Bitewing, 1 Endo
5 Rings: 1 Anterior, 2 Posterior, 1 Bitewing, 1 Endo
10 Bitepieces: 2 Anterior, 4 Posterior, 2 Bitewing, 2 Endo
8 Baskets — 2 each:

550609 #1V (Black)	550610 #1H (Black)
550611 #2V (Grey)	550612 #2H (Grey)

Instructional Poster #005562

550611 #2V
550612 #2H
550610 #1H
550609 #1V

Use with Bitepieces (page 5)

Replacement Rings, Arms and Bitepieces: see page 5 **Replacement Biteblocks sold 3 per package.** Order by 6-digit part number.

XCP-DS® for Kodak 5100/6100/6500

553001   XCP-DS Kit for Kodak 5100/6100/6500
Sensors
5 Arms, 5 Rings:
  1 Anterior, 2 Posterior, 1 Bitewing,
  1 Endo each
20 biteblocks — 2 each:
  553011 #1H Posterior
  553012 #2H Posterior
  553013 #1V Anterior
  553014 #2V Anterior
  553015 #1H Bitewing
  553016 #2H Bitewing
  553017 #1V Bitewing
  553018 #2V Bitewing
  553019 #1V Endo
  553020 #2H Endo
50 XCP-DS Disposable Cord Holders
Instructional Poster #005573

553017 #1V   553018 #2V
553013 #1V
553014 #2V
553015 #1H   553016 #2H
553012 #2H   553011 #1H
553020 #2H
553019 #1V

XCP-DS® for e2v (CCD) Digital Sensors

Suitable for Gendex VisualiX/GX-S/HDI, Accent, Acteon Sopro, Cyber Medical XDR, Cygnus, Dentrix, Dürr, e2v, HDX, Mediadent, Progeny MPS/MPSe, and Visiodent systems

551001   XCP-DS Kit for Gendex VisualiX/GX-S
5 Arms: 1 Anterior, 2 Posterior, 1 Bitewing, 1 Endo
5 Rings: 1 Anterior, 2 Posterior, 1 Bitewing, 1 Endo
10 Bitepieces: 2 Ant., 4 Post., 2 Bitewing, 2 Endo
8 Baskets — 2 each:
  550593 #1 Hor. (Black)   **550594** #1 Vert. (Black),
  550595 #2 Hor. (White)   **550596** #2 Vert. (White)
Instructional Poster #005519

551010   XCP-DS Kit for Cygnus Black Hi-Res
Same components as Kit #551001, above.

551012   XCP-DS Bitewing Kit for Dürr
1 Bitewing Ring, 1 Bitewing Arm,
1 Bitewing Bitepiece, 2 #2 Vertical Baskets (550596)

551015   XCP-DS Kit for Cyber Medical XDR
4 Arms: 1 Anterior, 1 Posterior, 1 Bitewing, 1 Endo
4 Rings: 1 Anterior, 1 Posterior, 1 Bitewing, 1 Endo
8 Bitepieces: 2 Anterior, 2 Posterior, 2 Bitewing, 2 Endo
12 Baskets: 3 #1V, 2 #1H, 3 #2V, 4 #2H
1 Eezee-Grip Sensor Holder
Instructional Poster

551063   XCP-DS Anterior Kit for Visiodent
1 Ant. Ring, 1 Ant. Arm, 1 Ant. Bitepiece,
1 #2H Basket (550595), 1 #2V Basket (550596)

551064   XCP-DS Posterior Kit for Visiodent
2 Post. Rings, 2 Post. Arms, 2 Post. Bitepieces,
4 Baskets — 1 each: #1H, #1V, #2H, and #2V

551065   XCP-DS Bitewing Kit for Visiodent
1 BW Ring, 1 BW Arm, 2 BW Bitepieces,
4 Baskets — 1 each: #1H, #1V, #2H, and #2V

551800   XCP-DS Kit for Acteon
3 Arms: 1 Anterior, 1 Posterior, 1 Bitewing
3 Rings: 1 Anterior, 1 Posterior, 1 Bitewing
3 Bitepieces: 1 Anterior, 1 Posterior, 1 Bitewing
8 Baskets — 2 each:
  550593 #1 Hor. (Black)   **550594** #1 Vert. (Black),
  550595 #2 Hor. (White)   **550596** #2 Vert. (White)
Instructional Poster #005526

Replacement baskets   3 per package
550593 #1 Hor. (Black)   **550595** #2 Hor. (White)
550594 #1 Vert. (Black)   **550596** #2 Vert. (White)

550593   550594
550596   550595

Use with Bitepieces (page 5)

XCP-DS® for Gendex eHD

551002   XCP-DS Kit for Gendex eHD
5 Arms: 1 Anterior, 2 Posterior, 1 Bitewing, 1 Endo
5 Rings: 1 Anterior, 2 Posterior, 1 Bitewing, 1 Endo
10 Bitepieces: 2 Anterior, 4 Posterior, 2 Bitewing, 2 Endo
8 Baskets — 2 each:
  550614 #1 Vert. (Black)   **550615** #1 Hor. (Black),
  550616 #2 Vert. (White)   **550617** #2 Hor. (White)
Instructional Poster #005527

Note: #2 Bitewings can also be achieved with single piece biteblocks
552503 (H) and **553018** (V)

550617 #2H   550616 #2V   550615 #1H   550614 #1V

Use with Bitepieces (page 5)

XCP-DS® for Suni Digital Sensors

Suni metal-style only; not for Suni-Ray or Dr. Suni Plus
Also suitable for CamSight (CCD), DMD, Escape, Lightyear, and Multimedia

551604 XCP-DS Combo Kit for Suni
4 Arms: 1 Anterior, 2 Posterior, 1 Bitewing
4 Rings: 1 Anterior, 2 Posterior, 1 Bitewing
8 Bitepieces: 2 Anterior, 4 Posterior, 2 Bitewing
20 Baskets — 5 each:
  550589 #2 Horizontal   550590 #2 Vertical
  550591 #0 Horizontal   550592 #1 Vertical
Suni Instructional Poster #005554

551600 XCP-DS #2 Complete Kit for Suni
4 Arms: 1 Anterior, 2 Posterior, 1 Bitewing
4 Rings: 1 Anterior, 2 Posterior, 1 Bitewing
8 Bitepieces: 2 Anterior, 4 Posterior, 2 Bitewing
10 Baskets: 5 #2 Horizontal, 5 #2 Vertical
Suni Instructional Poster #005554

551601 XCP-DS #2 Bitepiece Kit for Suni
8 Bitepieces: 2 Anterior, 4 Posterior, 2 Bitewing
10 Baskets: 5 #2 Horizontal, 5 #2 Vertical
Suni Instructional Poster #005554

551602 XCP-DS #0/1 Complete Kit for Suni
4 Arms: 1 Anterior, 2 Posterior, 1 Bitewing
4 Rings: 1 Anterior, 2 Posterior, 1 Bitewing
8 Bitepieces: 2 Anterior, 4 Posterior, 2 Bitewing
10 Baskets: 5 #0 Horizontal, 5 #1 Vertical
Suni Instructional Poster #005554

551603 XCP-DS #0/1 Bitepiece Kit for Suni
8 Bitepieces: 2 Anterior, 4 Posterior, 2 Bitewing
10 Baskets: 5 #0 Horizontal, 5 #1 Vertical
Suni Instructional Poster #005554

551605 XCP-DS Endo Kit for Suni
1 Endo Ring, 1 Endo Arm, 1 Endo Bitepiece,
4 Endo Baskets: 2 #2 Vertical, 2 #1 Vertical
Suni Endo Instructional Poster #005560

550590 #2V	550592 #1V	550591 #0H	550589 #2H

Use with Bitepieces (page 5)

XCP-DS® for Sirona Digital Sensors

Also suitable for GE Healthcare, Planmeca Dixi
Not for Sirona XIOS (see page 6) or **XIOS Plus** (see below)

551150 XCP-DS Kit for Sirona, Complete
4 Arms, 4 Rings, 4 Bitepieces: 1 Anterior, 1 Posterior, 1 Bitewing, 1 Endo each
18 Baskets — 2 each:
  550573 Ant. Vert. Full Size   550603 Post. Hor. Universal   550561 Endo Hor. Full Size
  550580 Ant. Vert. Univ.   550569 Post. Hor. Full Size   550564 Endo Vert. Univ.
  550575 Bitewing Full Size   550574 Post. Vert. Universal   550563 Endo Vert. Full Size
Instructional Poster

551550 XCP-DS Anterior Kit for Sirona
1 Anterior Ring, 1 Anterior Arm, 1 Anterior Bitepiece, 2 Anterior Full Size Vert. Baskets (550573)

551551 XCP-DS Posterior Kit for Sirona
1 Posterior Ring, 1 Posterior Arm, 1 Posterior Bitepiece, 6 Posterior Baskets: 2 Full Size Hor. (550569),
2 Universal Hor. (550603), 2 Universal Vert. (550574)

551552 XCP-DS Bitewing Kit for Sirona
1 Bitewing Ring, 1 Bitewing Arm, 1 Bitewing Bitepiece, 2 Bitewing Full Size Vert. Baskets

551553 XCP-DS Endo Kit for Sirona
1 Endo Ring, 1 Endo Arm, 1 Endo Bitepiece, 4 Endo Baskets: 2 Full Size Vert. (550563), 2 Universal
Vert. (550564); Sirona Endo Instructional Poster #005530

550580	550573	550575
550574	550569	550603
550564	550563	550561

Use with Bitepieces (page 5)

XCP-DS® for Sirona XIOS Plus

Arms, rings and biteblocks must be purchased separately.
For arms and rings, see page 5. The XCP-ORA arm and ring
and XCP-DS FIT biteblocks can also be used.

Biteblocks (3 per package):
553011 #1H Posterior   553012 #2H Posterior
553013 #1V Anterior   553014 #2V Anterior
553015 #1H Bitewing   553016 #2H Bitewing
553019 #1V Endo   553020 #2H Endo

553013 #1V	552625 #1V	552626 #2V
553014 #2V	553015 #1H	
	553011 #1H	553016 #2H
553012 #2H		
553019 #1V	553020 #2H	

Replacement Rings, Arms and Bitepieces: see page 5   Replacement Biteblocks sold 3 per package. Order by 6-digit part number.

XCP-DS® for Dent-X EVA+ Digital Sensors

552101   XCP-DS Kit for Dent-X EVA+ Sensors
5 Arms: 1 Anterior, 2 Posterior, 1 Bitewing, 1 Endo
5 Rings: 1 Anterior, 2 Posterior, 1 Bitewing, 1 Endo
20 biteblocks — 2 each:

552111 #1H Posterior	552112 #2H Posterior
552113 #1V Anterior	552114 #2V Anterior
552115 #1H Bitewing	552116 #2H Bitewing
552117 #1V Bitewing	552118 #2V Bitewing
552119 #1V Endo	552120 #2H Endo

50 XCP-DS Disposable Cord Holders
Instructional Poster #005571

For Replacement Rings and Arms, see page 5.
Replacement biteblocks sold 3 per package.
Order by 6-digit part number.

552113 #1V
552117 #1V
552118 #2V
552115 #1H
552114 #2V
552116 #2H
552111 #1H
552112 #2H
552119 #1V
552120 #2H

Eezee-Grip® Digital Sensor Holder

Save time with quick, easy set-up. Simply insert sensor, squeeze, and you're ready to go.
Use for convenient anterior and posterior digital periapical radiographs.
Autoclavable.

550293   Eezee-Grip Digital Sensor Holder, 1-pack
550294   Eezee-Grip Digital Sensor Holder, 3-pack

Posterior

Anterior

RINN® Digital Sensor Loops for Bitewing Radiographs

RINN Digital Sensor Loops are designed to slip over digital sensors, providing a handy tab to correctly position sensors for bitewing radiographs.

RINN Digital Sensor Loop Selection Chart

Sensor Size	Size 0	Size 1	Size 2
Schick, Dr. Suni Plus, Sirona XIOS	559011	559012	559021
Gendex HDI, Instrumentarium, Suni Ray Schick Wireless, Kodak RVG5000/6000		559012	559022
DEXIS PerfectSize			559022
DEXIS Platinum		559021	
Kodak 5100/6100/6500, Instrumentarium Snapshot		559021	559023
Dent-X, Gendex eHD, RVG 5		559012	559023

559011   X-Small Sensor Loop, package of 500
559012   Small Sensor Loop, package of 500
559021   Large Sensor Loop, package of 500
559022   X-Large Sensor Loop, package of 500
559023   XX-Large Sensor Loop, package of 500
559099   Assorted Pack (50 of each size)

5 Sizes Available!

XCP-DS® Disposable Cord Holder

Secure virtually any digital sensor cord to the RINN indicator arm quickly and easily.

- Keep your digital set-ups neat — quick grip design
- Universal — Use with any sensor cord
- Saves time and money — no autoclaving

550613   XCP-DS® Disposable Cord Holder, 50-pack

RINN® Universal Digital Sensor Covers

Protect your sensor with RINN's premium quality sensor covers.

- Fit all #1 and #2 size sensors
- Rounded edges for comfort

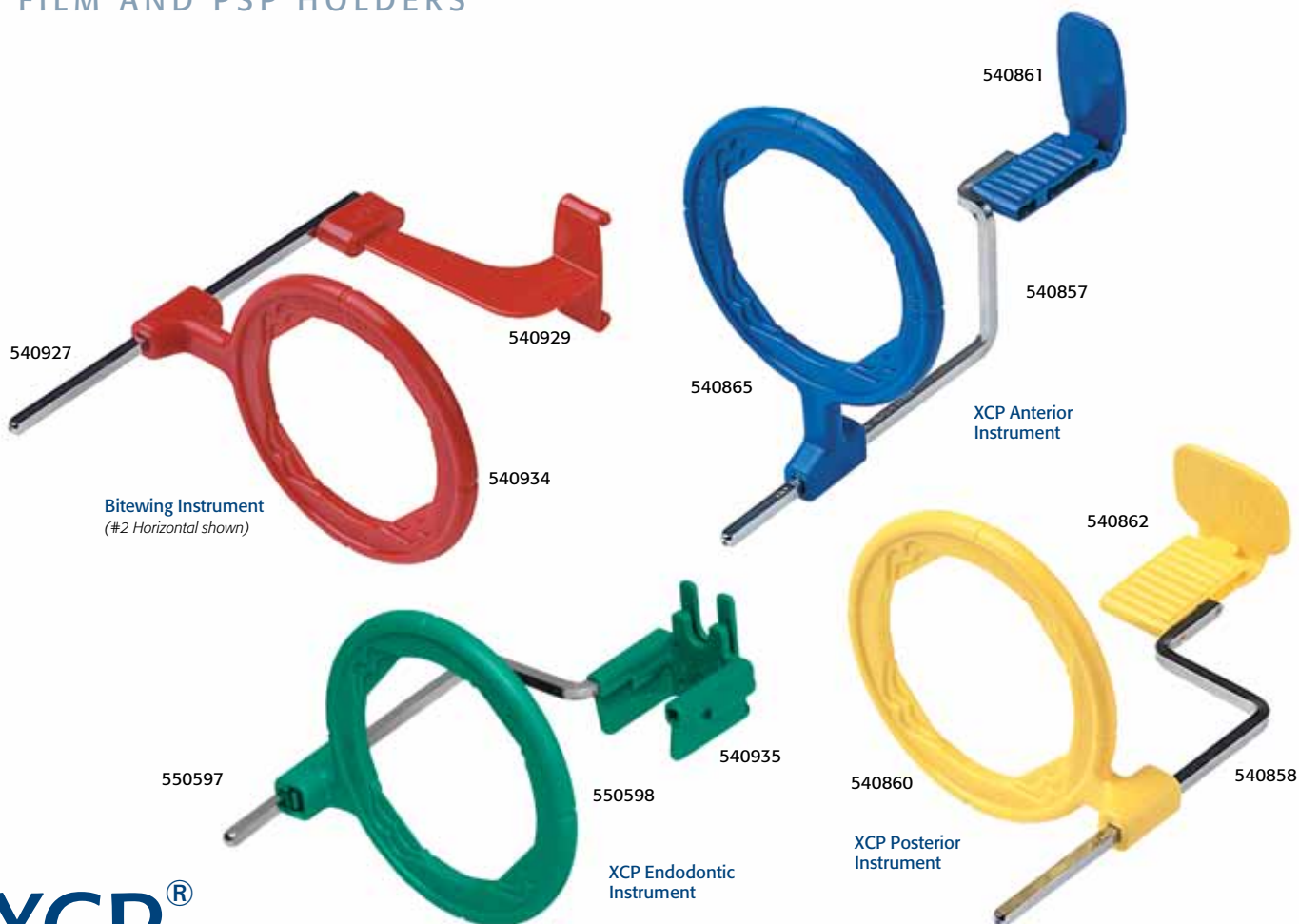**550500**   RINN Universal Digital Sensor Covers, package of 500

Universal Collimator

Align the beam and prevent misfocusing of x-rays by absorbing divergent radiation, and prevent radiation leakage.

- Protect your patients by limiting the size of the primary x-ray beam to #2 film
- Use with any RINN Arm & Ring Positioning System for accurate alignment
- Quickly applies into open end of round PID
- Vertical or horizontal use
- Complies with NCRP Report 145

540853   Universal Collimator

DENTSPLY Australia   1300 55 29 29   www.dentsplyestore.com.au   ■   **DENTSPLY New Zealand**   0800 33 68 77   www.dentsplyestore.co.nz

9

540861

540857

540865

XCP Anterior Instrument

540927

540929

540934

Bitewing Instrument
(#2 Horizontal shown)

540862

550597

540935

550598

XCP Endodontic Instrument

540860

540858

XCP Posterior Instrument

XCP®
Film Holding Instruments

The ultimate film holding system for patient comfort and practitioner ease-of-use for dental radiography. Take perfect anterior, posterior, bitewing and endodontic x-rays.

- Quickly align the x-ray cone to film and prevent cone cutting
- Easily assemble the components by using color coded XCP components
- Guide PID for proper alignment with short arms and light rings that accommodate all intraoral x-ray units
- Improve your patient's comfort with the rounded biteblocks and open biteblock design for a softer bite
- Use same-arch bite technique for bitewings with a more closed bite
- Steam autoclavable

Convenient tray package and instructional poster

XCP (Extension Cone Paralleling) Instrument Kits

542001   XCP Kit with Bitewing Instrument
4 arms: 1 anterior, 2 posterior, 1 bitewing
4 rings: 1 anterior, 2 posterior, 1 bitewing
17 biteblocks: 4 anterior, 8 posterior,
    5 bitewing (2 H#2, 1 V#2, 1 H #0/1, 1 V#1);
instructional poster

**542003   XCP Kit with Bitewing and
                 Endodontic Instruments**
Includes all the contents of 542001, plus 1 endo ring, 1 endo arm, and 4 endo biteblocks

540928   XCP Kit without Bitewing Instrument
3 arms: 1 anterior, 2 posterior
3 rings: 1 anterior, 2 posterior
12 biteblocks: 4 anterior, 8 posterior
illustrated instruction manual

542045   XCP Endodontic Kit
1 endo ring, 1 endo arm, 3 endo biteblocks

542050   XCP Arm & Ring Kit
3 arms: 1 anterior, 1 posterior, 1 bitewing
3 rings: 1 anterior, 1 posterior 1 bitewing

Bitewing Instrument Kits
Each kit includes 1 bitewing ring, 1 bitewing arm, 4 bitewing biteblocks of the designated size, and illustrated instructional poster. Use with XCP or BAI.
540925   #2 vertical kit
540926   #2 horizontal kit
540930   #3 horizontal kit
540932   #0/1 horizontal kit
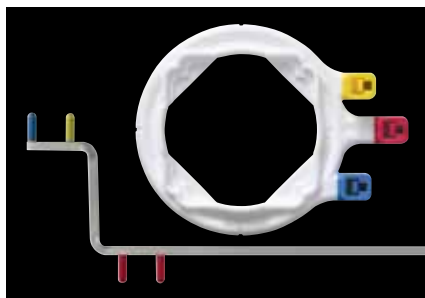**542042**   #1 vertical kit

BAI (Bisecting Angle) Instrumentation
The BAI instruments use the same alignment indicator arms and rings as the XCP instruments, with special angled biteblocks designed specifically to achieve consistent short cone technique x-rays.

540914   BAI Kit with Bitewing Holder
4 arms: 1 anterior, 2 posterior, 1 bitewing
4 rings: 2 anterior/bitewing, 2 posterior
16 biteblocks: 4 anterior, 8 posterior,
    4 bitewing (2 H#2, 1 V#2, 1 H #0/1)
illustrated instruction manual

XCP and BAI Replacement Parts

XCP-ORA

One ring and one arm are all you need for periapical and bitewing radiographs.

550771 XCP-ORA One Ring & Arm, 1-pack
550772 XCP-ORA One Ring & Arm, 2-pack

XCP/BAI Aiming Rings

Sold individually.

540865 Anterior Ring (Blue)
540860 Posterior Ring (Yellow)
540934 Bitewing Ring (Red)
550598 Endo Ring (Green)

XCP/BAI Stainless Steel Indicator Arms

Sold individually.

540857 Anterior Arm (blue pins)
540858 Posterior Arm (yellow pins)
540927 Bitewing Arm (red pins)
550597 Endo Arm (no pins)

XCP Instructional Posters

005553 XCP Instructional Poster
25" x 38" multi-language wall poster succinctly covers basic XCP procedure.

XCP Color-Coded Biteblocks

540861 Anterior, 25 per package
540862 Posterior, 25 per package
540863 Anterior and Posterior, 10 of each

BAI Biteblocks (White)

540919 Anterior, 25 per package
540920 Posterior, 25 per package
540864 Anterior and Posterior, 10 of each

XCP Bitewing Biteblocks XCP/BAI 6 per package

540933 #0/1 film, horizontal
540922 #1 film, vertical
540929 #2 film, horizontal
542041 #2 film, vertical
540931 #3 film, horizontal

Bitewing Biteblocks for Kodak SURESOFT Film Packets

- Dual-slot design accommodates both SURESOFT and standard #2 film packets
- Also accommodate OpTime Imaging Plates

540629 XCP Horizontal Bitewing Biteblock for Kodak SURESOFT Film Packets, package of 2

540630 XCP Vertical Bitewing Biteblock for Kodak SURESOFT Film Packets, package of 6

**Endodontic Biteblock
540935**
Endo Biteblock, package of 3

EndoRay® II Film Holder

Prevent cone cutting with precise angulation and alignment of film to x-ray cone. Fits over files, clamps and rubber dams.

- Use for endodontic radiography without touching the subject tooth
- Paralleling technique
- Use with #1 or #2 film
- Steam autoclave

540303 EndoRay II, 2 pack
Replacement Parts (1 per pack)
540310 EndoRay II Arm (1 per pack)
540311 EndoRay II Basket (1 per pack)
540312 EndoRay II Ring (1 per pack)

Uni-Bite™ Film Holder

Take periapicals and bitewings with this universal film/PSP holder.

- Accurate long cone paralleling technique with easy to align target points
- Use #0, #1 or #2 film, horizontally or vertically
- Slide film carrier to three click-stop positions
- Steam autoclave

540401 Uni-Bite, 1-pack

RINN Flip-Ray® BW
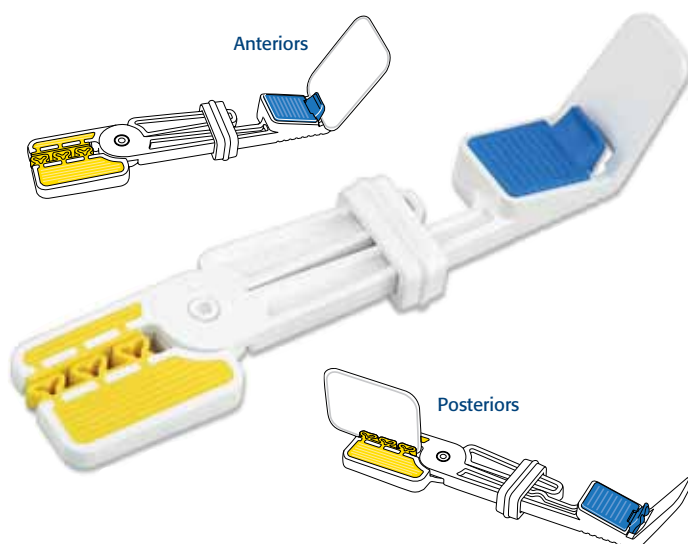### Universal Bitewing Film & Phosphor Plate Holder

The RINN FLIP-RAY BW's rotating media clip lets you take bitewing radiographs horizontally or vertically with a simple flip. With the included aiming ring, you'll capture accurate radiographs the first time, every time.

- Universal media clip accommodates Size 0, 1, & 2 Film or Phosphor Plates
- Media holder integrated into arm — no separate biteblocks
- Customized Aiming Ring only attaches in correct position
- Lightweight plastic construction for easy handling and patient comfort; autoclavable

552603   Flip-Ray BW Universal Bitewing Holder, package of 5

Flip media holder from horizontal to vertical

Anteriors

Posteriors

Snap-A-Ray® Xtra Film & Phosphor Plate Holder

The **Snap-A-Ray® Xtra** Film & Phosphor Plate Holder brings an extra measure of efficiency and comfort to anterior and posterior bisecting angle technique radiographs.

- Cushioned media grips hold film and phosphor plates securely without damaging the media
- Angled anterior bite area and backing plate take the guesswork out of bisecting angle radiographs
- Cushioned bite areas enhance patient comfort
- Media can be angled for hard-to-reach areas
- Autoclavable for long life and low cost-per-use

540501   Snap-A-Ray® Xtra Film & Phosphor Plate Holder, 1-pack
540503   Snap-A-Ray® Xtra Film & Phosphor Plate Holder, 3-pack

See page 23 for additional information.

Uni-Grip® Film and Phosphor Plate Holders

The RINN Uni-Grip holder is designed to produce an entire full mouth series using only one holder. Sliding the bitepiece along the channels enables you to take anterior, posterior and bitewing x-rays. One per procedure is all you need.

- Accommodates all film/phosphor plates
- Attaches easily in seconds
- Reposition bitepiece in a moment
- Color coded channels ensure correct positioning
- Compact size and rounded edges are easy on the patient

550055   Uni-Grip® Kit for Film and Phosphor Plates, package of 50 Uni-Grip biteblocks
550255   Uni-Grip® Combo Kit for Film and Phosphor Plates (two 550055 kits + one Uni-GripAR positioning arm and ring))

See page 22 for additional information.

| 540870 Disposable XCP® Biteblock | 540900 EZ-Prop™ Mouth Prop | 141027, 143027 Bitewing Loops | 140500, 141000 Adhesive Bitewing Tabs |

Disposables   Give your autoclave a rest without worry of contamination.

Disposable XCP® Biteblocks

- Use with RINN's XCP instrumentation
- Accommodate #0, #1 or #2 film, horizontally or vertically
- Break off front section for pedo applications

540870   Disposable XCP Biteblocks, 100 pcs. (36 boxes/case)

EZ-Prop™ Mouth Props

- Help your patient hold the desired angle with firm, non-elastic styrofoam
- Thread strand of dental floss through pre-drilled hole

540900   EZ-Prop Mouth Props, 100 pcs. per box (36 boxes/case)

Bitewing Loops

- For ready-to-use bitewing films
- Made of heavy-duty paperboard

141026   Bitewing Loops for #0 & 1 film, 500 pcs.
141027   Bitewing Loops for #2 film, 500 pcs.

Adhesive Bitewing Tabs

- Self-adhesive tabs affix to film packet
- Use horizontally or vertically

140500   Bitewing Tabs, 500 pcs.

Soothe-Guard *AIR*®
LEAD-FREE RADIOGRAPHY APRONS

Our latest advance in apron technology, **Soothe-Guard Air Lead-Free Aprons** have all the features of our traditional Soothe-Guard® aprons, plus...

- Innovative lead-free, alloy lining provides protection equal to lead
- Lining offers up to 25% lighter apron than traditional lead lining
- Easier handling for dental professionals
- Environmentally friendly with no special disposal requirements
- Velcro closure keeps apron closed securely

Soothe-Guard Air™ Lead-Free Aprons

.3mm Lead Equivalency

8611049	Adult Apron
8611053	Pano-Cape Apron
8611056	Technician Apron

Pano-Cape

Child Apron with Collar

Technician

Adult Apron with Collar

All Soothe-Guard and Soothe-Guard Air Aprons are Light Blue with Navy Blue trim

Soothe-Guard Protective Collar
Add thyroid protection to any collarless apron.

For those who prefer a traditional lead-lining...

Soothe-Guard®
PROTECTIVE RADIOGRAPHY APRONS

- Unique silky-smooth material has an exquisite feel
- Sturdy sewn-in hanging loops for easy storage
- Redesigned collar fits better for less gaping, greater patient comfort
- Soothe-Guard material front and back for easy cleaning (just wipe with damp cloth or disinfectant wipe), with smooth draping and exceptional durability
- Velcro closure on all aprons for secure fit
- **+++++** – *The Dental Advisor*

Soothe-Guard® Lead-Lined Aprons

.3mm Lead Equivalency

6611050	Adult Apron with Collar
6611047	Child Apron with Collar
6611051	Protective Collar
6611053	Pano-Cape Apron

.5mm Lead Equivalency*

5611049	Adult Apron
5611053	Pano-Cape Apron

*.5mm lead equivalency aprons are made-to-order (not returnable). 4 to 8 weeks lead time.

Apron Hanger
Heavy-duty, white epoxy-coated steel. Mounting hardware is included.
Dimensions: 32 x 378 x 35mm

662052 Apron Hanger

Please note...
- ✓ When not in use, aprons should be hung, not folded.
- ✓ Do not clean aprons with alcohol-based cleaners.
- ✓ Lead-lined aprons must be disposed of in accordance with applicable laws.

FILM MOUNTS

Top quality film mounts from DENTSPLY RINN, the leading producer of film mounts worldwide since 1923.

21 Series

22 Series

23 Series

Top Choice!

MASKED VINYL POCKET
The ultimate in film protection and compact, easy storage.

EZ-View® Masked Pocket 21, 22, 23 Series
- Available in black (21, 23 Series) or green (22 Series).
- Masking provides the most comfortable viewing, and enhances viewing of fine details.
- **23 Series Open-Window Masked Mounts** let you have it both ways — the easy-loading of a pocket mount, the clarity of an open window.
- Can be duplicated with exceptional clarity.
- Patient name/date even appear on the duplicate.
- Can be written on with pen and pencil.

OPEN WINDOW PAPERBOARD

EEZEEMOUNT® Paperboard 10 Series
The standard since 1923.
- Films slide in easily, stay securely in die-cut windows
- Sturdy, reusable paperboard construction
- Accepts any pen or pencil

10 Series

OPEN WINDOW VINYL

EZ-Tab® Plastic 30 Series
- X-rays snap quickly into tabs for easy loading.
- Chemical and water-resistant vinyl permits processing in the mount.
- Recessed windows keep radiographs safe.
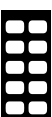
30 Series

NOTCHED/DIE-CUT

TransView® 25 Series
- Light-diffusing vinyl offers full visibility of radiographs.
- Films held securely by easy-opening die-cuts.
- Thin profile requires minimum filing space.

25 Series

		Eezeemount® Paperboard 10: Grey	EZ-Tab® Open Window 30: Grey	TransView® Notched 25: Translucent	EZ-View® Masked Pocket 21: Black	EZ-View® Masked Pocket 22: Green	EZ-View® Masked Pocket 23: Open Window
1H #2		100101 76 x 111mm			216011 67 x 95mm	226011 67 x 95mm	236011 67 x 95mm
1V #2		100113 76 x 111mm					
2H	#0	100121 76 x 111mm					
	#1	100105 76 x 111mm					
	#2	100119 76 x 111mm	306021 70 x 101mm		216021 67 x 95mm	226021 67 x 95mm	236021 67 x 95mm
	#3					227021 67 x 121mm	
3H #2		100134 76 x 165mm					
3V #2		100135 76 x 143mm					
4H #2		100142 76 x 213mm					236040 67 x 181mm
4H #2						226045 92 x 101mm	
4V #2							236042 70 x 140mm
6H #2		100144 111 x 160mm					
6V #2						228062 120 x 120mm	
4V #2 3V #1							236072 70 x 229mm

Full-Mouth Series Mounts (FMX)

		Eezeemount® Paperboard 10: Grey	EZ-Tab® Open Window 30: Grey	TransView® Notched 25: Translucent	EZ-View® Masked Pocket 21: Black	EZ-View® Masked Pocket 22: Green	EZ-View® Masked Pocket 23: Open Window
14 Windows 8H #2 6V #2				250184 14WT 108 x 289mm			
16 Windows 6H #2 6V #2 4BW #2						228162 136 x 206mm	
18 Windows 8H #2 6V #2 4BW #2					216180 [2 folds] 121 x 292mm		
20 Windows 8H #2 8V #1 (5/3) 4VBW #2					216203 [2 folds] 121 x 327mm		

Bitewing History Mounts

		Eezeemount® Paperboard 10: Grey	EZ-Tab® Open Window 30: Grey	TransView® Notched 25: Translucent	EZ-View® Masked Pocket 21: Black	EZ-View® Masked Pocket 22: Green	EZ-View® Masked Pocket 23: Open Window
10BW #2						222345 229 x 92mm	232345 229 x 92mm

Occlusal Film Mounts

		Eezeemount® Paperboard 10: Grey	EZ-Tab® Open Window 30: Grey	TransView® Notched 25: Translucent	EZ-View® Masked Pocket 21: Black	EZ-View® Masked Pocket 22: Green	EZ-View® Masked Pocket 23: Open Window
1H OCC		100107 111 x 101mm					

KEY TO MOUNTS CODES
H : Horizontal
V : Vertical
BW : Bitewing

Approx. 100 mounts per package, measured by weight.

See page 23 for additional information.

EZ-View FasTear® Tear-Apart Mount

Pull out the desired number of pockets and tear into your desired configuration.

- Flexible, clear vinyl pocket style windows hold #0, #1, and #2 films vertically or horizontally
- Cost efficient packaging of 500 pairs of windows per box
- Continuous roll for easy dispensing
- Includes space for Name/Date inscription

200500R   EZ-View FasTear Universal Mounts

EZ-View® Universal Cut-Apart Mount

Pull out the desired number of pockets and cut into your desired configuration. The clear vinyl pocket style offers maximum protection, visibility, and convenience.

- Flexible windows hold #0, #1, and #2 films vertically or horizontally
- Cost efficient packaging of 1000 windows per box
- Fan-folded for easy dispensing
- Includes Name/Date labels.

200102100   EZ-View Universal Cut-Apart Mounts

Protective Mount Envelopes

Heavy-duty, end-opening grey paper envelopes for filing or mailing x-ray mounts. Large enough for full mouth surveys.

Dimensions: 6.25" x 12.25" (159 x 311 mm)

500849   Rinn Mount Envelopes, Size #20, package of 100

Marking Pencils – White

A unique white pencil that writes easily on film mounts and x-rays.

570303   Marking Pencil, package of 3

670520

670542

670445

EZ-View® Auto Light Flatscreen Viewer

Save time and energy with the auto-on feature. Automatically turns the viewer on and off as film mounts or x-rays are slid under and out from the holding bar.

- Utilize minimum space with the thin, state-of-the-art profile —lightweight and easily portable.
- Easy viewing with even illumination throughout the screen and 10,000 hours of life from Cold Cathode Tube light.
- Enjoy optimum viewing with 30 adjustable brightness settings
- Mount on a wall or set on a countertop.
- View FMX and pano films with generous 6" x 13.5" (152 x 343 mm) viewing area
- Enhance analysis of radiographs with available 2X magnification
- CE listed

Viewing area: 6" x 13.5" (152 x 343 mm)
Dimensions: 8" x 16.5" x 1.25" (216 x 419 x 32 mm)

670520　EZ-View Auto Light Flatscreen Viewer, 230v
670542　EZ-View Auto Light Flatscreen Viewer with Magnifier, 230v

CE

Countertop/Wall-Mount Universal Viewers

- Enhance your diagnostic environment with even illumination throughout the screen
- Improve analysis of your radiographs with available 2X magnification
- Will not rust when your diagnostic film isn't fully dry
- Support your infection control protocol with easy-to-clean surfaces
- Standard fluorescent light source
- TUV and CE listed

0400 Series
Viewing area: 6" x 12" (152 x 304 mm)
Dimensions: 8.5" x 13.5" x 2.75" (216 x 343 x 70 mm)
Lamp: one 8w bulb

670445　Universal Viewer with Magnifier, 230-240v / 50-60Hz / 0,089 A
　　　　　　(UK plug)
003704　Magnifier Assembly
3204　8 watt Replacement Bulb

TÜVRheinland® | IEC 60601-1　　CE

530105 Chairside Darkroom   530108 Mini-Chairside Darkroom

Chairside Darkroom

Conveniently process films in the operatory in less than a minute with RINN's Chairside Darkroom and Rapid Process chemistry (sold separately).

- Clearly view films with light-filtering top.
- Easy cleaning with chemical-resistant finish and ergonomic design.
- Accommodate even occlusal film with large 240 ml beakers; lids held open with velcro.

Dimensions: 302 x 445 x 311 mm

530105   Chairside Darkroom
Includes: Ruby light filter, 4 single-clip film hangers, four 240 ml beakers with attached snap-on lids

Replacement Parts
530255   240 ml Beakers, set of 4
530261   Sleeve Set, set of 2
530263   Ruby Filter, 165 mm x 337 mm

Chairside Mini-Darkroom

Developing is a snap with this compact unit.

Dimensions: 241 x 314 x 235 mm

530108   Chairside Mini-Darkroom
Includes: Ruby Light Filter, 2 single-clip hangers, three 240 ml beakers with attached snap-on lids

Replacement Parts
530255   240 ml Beakers, set of 4
530261   Sleeve Set, set of 2

Rapid Process Chemistry

Process x-rays in less than a minute.
Available in full cases only, twelve 1-quart bottles per case.

Quart (.94 liter) Bottles
520602   Rapid Process Developer
520604   Rapid Process Fixer

510262
510973
510125
510258

Processing Hangers

Securely hold your intraoral films with stainless steel, chemical resistant hangers and reusable plastic identification tags.

Stock#	Length: mm	Capacity
510108	206 x 298	1 8x10″ (203 x 254 mm) cephalometric
510125	130 x 349	1 5x12″ (120 x 305 mm) panoramic
510126	152 x 344	1 6x12″ (152 x 305 mm) panoramic
510258	57	1 clip (box of 12)
510972	124	2 clips
510973	176	4 clips
510260	228	6 clips (fits 355 ml tank)
510261	214	10 clips (fits 355 ml tank)
510262	276	12 clips (fits 355 ml tank)
510263	283	14 clips (fits 355 ml tank)

Mini-Ray Duplicator

Duplicate your intra-oral films with our handy battery-powered film duplicator. For use with RINN Chairside Darkrooms or daylight loaders of automatic processors.

- Accommodate #0, #1, #2 and #3 films
- Save money with standard 9v alkaline battery (included)
- Worry-free with low-battery indicator light
- Save time with 8- to 10-second duplicating

Dimensions: 117 x 70 x 41 mm
Duplicating area: 51 x 32 mm

721220   Mini-Ray Duplicator

See page 23 for additional information.

*Visit **www.RinnCorp.com** for instructions and helpful tips*

Prophy Cups

Effectively clean and polish teeth with efficient and convenient prophy cups.

■ Choose the right cup for your needs with a wide selection of popular mounting styles and webbed or ribbed interiors that conform to tooth surface and retain polishing material

■ Safely made from FDA-listed latex-free white synthetic material

■ Disposable for patient safety — do not sterilize

■ All screw-type cups work with Midwest® handpieces

■ 144 pieces (1 gross) per package

C200005	Screw Type Webbed	C200040	RA Ribbed
C200015	Screw Type Ribbed	C200100	Snap-On Webbed
C200030	RA Webbed		

Crescent® Prophy Brushes

Polish and remove heavy stains.

■ Choose standard or pointed brushes in popular mounting styles, and in soft or stiff bristle horsehair or nylon

■ Available in Screw Type, Right Angle and Straight Handpiece styles

■ Made of fine bristle and assembled to prevent the possibility of pulling out bristles

■ Single use/disposable — do not sterilize

■ 144 pieces (1 gross) per package (4 bags of 36 pieces)

	C100005	Screw Type Black
	C100015	Screw Type Soft Black
	C100025	Screw Type Black Pointed
	C100030	Screw Type Soft Black Pointed
	C100205	RA Black
	C100215	RA Soft Black
	C100225	RA Black Pointed

Dapaway™ Disposable Dappen Dishes

Most often used for prophy and fluoride treatments as well as for mixing composite filling materials, acrylics, cements and amalgams.

■ Prevent cross contamination and reduce clean-up time with disposable dishes

■ Safe with all dental materials — made of special thermoplastic material

■ Patient-protecting convenience of a clean new dappen dish for each prophy and fluoride treatment

■ Bring material to operating field with finger holder that holds disposable dappen dish securely on index finger

C220010	Dapaway Dappen Dish Package
	Approximately 1000 Dappen Dishes, one Finger Holder
C220020	Finger Ring Holder for Dapaway Dishes

Mouth Props

Prevent jaw closure during anesthesia.

■ Enhanced patient comfort with soft material encapsulating a stainless steel insert

■ Select from five sizes — edentulous, large adult, adult, pedo and child

■ Steam autoclavable; withstands heavy usage

■ Packaged 2 per box

C271007	Black Pedo (no insert)
C271008	Large Adult Black
C271009	Black Edentulous
C271220	Child Black
C271440	Adult Black

Kodak Film

Kodak Periapical Film

1228840	#0	Ultra-speed DF-54	Poly-Soft		100/Bx
1273747	#1	Ultra-speed DF-56	Paper		100/Bx
1753664	#2	Ultra-speed DF-57	Poly-Soft	Double Pack	130/Bx
1658194	#2	Ultra-speed DF-58	Polysoft		150/Bx
1717131	#1	Ultra-speed DF-58C	Clinasept Poly-Soft		100/Bx
1445360	#0	Ultra-speed DF-54C	Clinasept Poly-Soft		75/Bx
8987877	#2	Ultra-speed DF-57C	Clinasept Poly-Soft	Double Pack	100/Bx
8675332	#0	Insight IP-01P	Poly-Soft		100/Bx
1539931	#2	Insight IP-21C	Clinasept Poly-Soft		100/Bx
1163401	#2	Insight IP-21	Poly-Soft		150/Bx
1560390	#2	Insight IP-22C	Clinasept Poly-Soft		100/Bx

Kodak Bitewing Film

8393043	#2	Ultra-speed DF-40	Paper	100/Bx
1296771	#3	Ultra-speed DF-42	Paper	100/Bx
8348658	#0	Ultra-speed DF-48	Paper	100/Bx
8298929	#3	Insight IP-31	Poly-Soft	100/Bx

Kodak Occlusal Film

1666122	#4	Ultra-speed DF-49	Paper		25/Bx
1666163	#4	Ultra-speed DF-50	Paper	Double Pack	25/Bx
1169143	#4	Insight IO-41	Paper	Double Pack	25/Bx

Kodak T-Mat G Film

1869080	15x30cm T-Mat G Film TMG-15	50/Bx

Kodak Panoramic Film

1990712	15x30cm DF-76 Pano Film	50/Bx

Kodak Developer/Fixer

1028869	Kodak Readymatic Developer & Fixer, 2 1-gallon bottles of each
1838374	Kodak Rapid Access Developer and Fixer, 1 pint of each
4037180	Kodak GBX Developer, 500ml
4037206	Kodak GBX Developer, 5 liter
4037214	Kodak GBX Fixer, 500ml
4037230	Kodak GBX Fixer, 5 liter

Exposure Factors

2-2.5mm aluminum filtration.

The same basic exposure can be used for all regions. This can be reduced slightly for mandibular anteriors and increased slightly for maxillary molars.

		65kV, 8mA		70kV, 8mA	
		D Speed	F Speed	D Speed	F Speed
8" (20cm) Anode to Film Distance					
Maxillary	Anterior, Bitewing	0.30 sec.	0.14 sec.	0.24 sec.	0.11 sec.
	Premolar	0.40 sec.	0.18 sec.	0.32 sec.	0.14 sec.
	Molar	0.45 sec.	0.20 sec.	0.36 sec.	0.16 sec.
Mandibular	Anterior	0.25 sec.	0.11 sec.	0.20 sec.	0.09 sec.
	Premoloar	0.28 sec.	0.12 sec.	0.22 sec.	0.10 sec.
	Molar, Bitewing	0.30 sec.	0.14 sec.	0.24 sec.	0.11 sec.
12" (30cm) Anode to Film Distance					
Maxillary	Anterior, Bitewing	0.67 sec.	0.32 sec.	0.54 sec.	0.25 sec.
	Premolar	0.90 sec.	0.40 sec.	0.72 sec.	0.32 sec.
	Molar	1.00 sec.	0.45 sec.	0.80 sec.	0.36 sec.
Mandibular	Anterior	0.56 sec.	0.25 sec.	0.45 sec.	0.20 sec.
	Premoloar	0.63 sec.	0.27 sec.	0.50 sec.	0.22 sec.
	Molar, Bitewing	0.67 sec.	0.32 sec.	0.54 sec.	0.25 sec.

Recommended Cleaning and Sterilization Procedure for Film and Sensor Holders

1. Disassemble instrument(s).
2. Remove debris from components with hot water and soap.
3. Put components in sterilization pouches, and place in the middle tray of the autoclave, away from autoclave walls and heating element. Plastic parts must be in a separate pouch from metal arms, to avoid melting or warping.
4. Steam autoclave at 132° C (270° F) for 10 minutes at 30psi (206.8kPa) using distilled water.
   – DO NOT use phenol-based glutaraldehyde.
   – DO NOT CHEMICLAVE or DRY-HEAT STERILIZE.
   – DO NOT cold sterilize with chemicals.
   – DO NOT exceed 134° C (273° F) during steam autoclaving

Note: Plastic parts have a limited life and should be replaced periodically. Any method of sterilization will shorten the life of plastic parts.

Steam Autoclave Guidelines

Temperature	Pressure	Time
Unwrapped Items		
121˚ C (250˚ F)	103.4 kPa (15 psi)	15 min.
132˚ C (270˚ F)	206.8 kPa (30 psi)	3 min.
Lightly Wrapped Items		
121˚ C (250˚ F)	103.4 kPa (15 psi)	20 min.
132˚ C (270˚ F)	206.8 kPa (30 psi)	8 min.
Heavily Wrapped Items		
121˚ C (250˚ F)	103.4 kPa (15 psi)	20 min.
132˚ C (270˚ F)	206.8 kPa (30 psi)	10 min.

Note: Follow the above directions carefully. Failure to do so may result in damage to your instruments, autoclave, or other items placed in your autoclave.

from *Safety and Infection Control in the Dental Office*, American Dental Association, Chicago, 1992; p. 44-47.

Extension Cone Paralleling Technique
(RINN XCP® and XCP-DS® Instrumentation)

The XCP (Extension Cone Paralleling) technique produces radiographs with minimal distortion and presents the objects being radiographed in their true anatomical relationship and size.

- A long cone, or PID (position indicating device), of 12-16" (300-400 mm) should be used for the most accurate radiographs.
- To position the film or sensor parallel to the tooth and without distortion, the holder and film/sensor should be moved away from the tooth being radiographed, into the center of the mouth.

Bisecting Angle Technique
(RINN BAI Instrumentation)

The BAI (Bisecting Angle Instrumentation) is founded on the principle of projecting the x-ray beam at right angles to an imaginary plane bisecting the angle formed by the longitudinal axis of the tooth and the plane of the film packet. Regardless of the technical precision of the operator, this technique results in dimensional distortion.
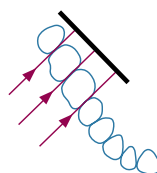
Helpful Hints

Follow these tips for patient comfort and operator success.

- When positioning the PID (cone), make sure it is parallel and flush to the metal arm and flush with the aiming ring. The ring does not attach to the PID; it merely helps align it.
- Always place the holder into the center of the mouth, where there is more room.
- Instruct the patient to close slowly when placing a film/sensor holder. This allows musculature to relax and the patient will find the positioning more comfortable.
- In small mouths or for shallow palates, place a cotton roll between the teeth and the bite surface and adjust vertical angulation for patient comfort.
- Do not bend back the biteblock when inserting film.
- Place all films in the biteblocks with the dot on the film toward the occlusal or incisal edges, to make mounting consistent and to prevent the dot from interfering with diagnosis.
- Always use a Rinn radiography apron to protect patients from radiation. When not in use, the aprons should be hung, not folded.

Bitewing Radiographs

To avoid overlapping of the contact areas, it is recommended that the film/sensor be positioned perpendicular to the interproximal spaces. To place the holder, the biteblock rests on the same arch as the teeth being radiographed. Use the line on the bite surface to help align the interproximal spaces.

Taking Care of RINN XCP, BAI and XCP-DS Instruments

RINN XCP, BAI and XCP-DS instruments are designed to be sterilized in a **steam autoclave**. Other methods of sterilization are not recommended.

Plastic Biteblocks and Aiming Rings
The plastic pieces are porous and have a limited life. It is possible they will absorb the chemicals used in sterilization and react to temperature variation. Your plastic pieces should be replaced approximately every 12 months.

- NEVER bleach your plastic pieces. Serious harm could occur to a patient or office staff from these fumes upon sterilization or use.
- Always disassemble the arm from the aiming rings and biteblocks. Because metal and plastic react differently to temperature changes, expansion and contraction of the plastic around the metal arm may cause permanent damage. Sterilize in separate bags.
- The temperature in the autoclave should never exceed 134˚ C (273˚ F).
- Do not use ultrasonic cleaners, cold sterilizing solutions or any chemicals before or instead of the steam autoclave process.

Stainless Steel Aiming Arms
- Always disassemble the arms and block in a straight or parallel motion. Unusual pressure may damage the arm.
- When sterilizing, always disassemble the arm from the block and the ring. Do not bag the arm with the ring or biteblock.

Assembling XCP-DS Instruments

The XCP-DS features standardized components and an easy-to-follow color coding system to make assembly simple. Some systems have one-piece biteblocks, similar to the XCP film holder. Other systems use a combination of simple bitepieces and interchangeable baskets (holders) for horizontal or vertical x-rays, and for each size sensor a manufacturer provides.

Inserting Sensor: Bitepiece + Basket Style

1. Pull a protective sleeve over the sensor and stretch it out along the cable. It is usually helpful to twist the sleeve around the cable to keep it in place.
2. Slip one edge of the sensor into the basket [A] and gently pull the cable through the base. Be sure the flat surface of the sensor faces the gripping edges and the back surface sits in the "window" of the basket.
3. Snap the second edge of the basket over the sensor. [B]
4. Slide the basket into the bitepiece. [C]
5. Attach the arm and ring. For posterior and endo radiographs, which side of the bitepiece the arm is inserted into is determined by the area to be radiographed. A correctly assembled instrument will have the sensor centered when viewed through the ring.

A   B   C

DENTSPLY Australia 1300 55 29 29 www.dentsplyestore.com.au ■ **DENTSPLY New Zealand** 0800 33 68 77 www.dentsplyestore.co.nz

21

Inserting Sensor: One-piece Biteblock Style

1. Assemble the arm, ring and biteblock. For posterior and endo radiographs, which side of the biteblock the arm is inserted into is determined by the area to be radiographed. A correctly assembled instrument will have the biteblock centered when viewed through the ring.

2. Pull a protective sleeve over the sensor and stretch it out along the cable. It is usually helpful to twist the sleeve around the cable to keep it in place.

3. From the back, slip the sensor through the "window" of the biteblock [1]. Rotate [2] and seat [3] the sensor in the biteblock.

Removing the Sensor Using the Biteblock Finger Tabs

Press the biteblock finger tabs apart [1], then lift the sensor from the biteblock [2].

Instrument Assemblies

All XCP, XCP-DS and BAI instruments follow this general system for assembly (XCP-DS with bitepiece + basket shown).

Note: XCP-ORA assembles differently for anterior alignment . Please follow XCP-ORA Directions for Use for proper assembly.

Anterior

Bitewing

Posterior

Upper Right/Lower Left (UR/LL)

Endodontic

Uni-Grip® Universal Disposable Radiography Holders and Uni-GripAR® Positioning System

550050 for Digital Sensors, package of 50
550055 for Film & Phosphor Plates, package of 50
550100 Uni-GripAR® Arm & Ring
550250 Combo Kit for Digital Sensors
550255 Combo Kit for Film & Phosphor Plates

Uni-Grip Radiography Holders are designed to accommodate a full mouth series of x-rays with one holder. For best results, please follow these tips for operator success and improved patient comfort.

- To move the bite-tab, slide it down the channels. **The bite-tab must only be turned at the center point**, marked with the circular arrows. If the bite-tab is turned outside of the center point, it will separate from the base.

- Always place the film/sensor in the center of the mouth where there is more room.
- Cotton rolls under the bite-tab will help improve patient comfort as they will not need to bite down so completely, alleviating the stress of the film/sensor on the palate.
- The bite-tab MUST be even with the active area of the sensor or at the edge of the film/sensor. If the bite-tab is not even with the active area, then incisal edges could be missed. This can happen with posterior images more easily if the bite-tab is not properly aligned.
- For films or sensors that are not parallel in the mouth, the vertical angulation should be adjusted so that the central beam of the x-ray is perpendicular to the film/sensor. If angulation is not adjusted, elongation or foreshortening will occur. Also, if the film/sensor is significantly angled in the mouth, the apices of the teeth being radiographed may be missed.
- If the patient anatomy does not allow the film/sensor to be parallel in the mouth, then placing a cotton roll under the bite-tab will raise up the film/sensor so that the apices of the teeth being radiographed are not missed. Vertical angulation should be adjusted so that the central beam of the x-ray and the film/sensor are perpendicular to each other.
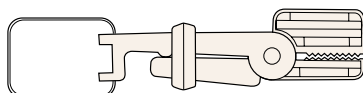- The Uni-Grip holders are disposable and meant for only one series of full mouth x-rays. The Uni-GripAR positioning system arm and ring are autoclavable to approximately 100 cycles in a steam autoclave.
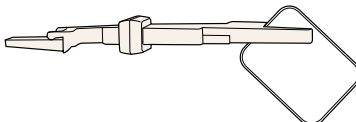
Snap-A-Ray® Film Holder

540293 Package of 1

The Snap-A-Ray film holder, formerly known as the Eezee-Grip film holder, is an excellent bisecting angle instrument for anterior and posterior radiographs.
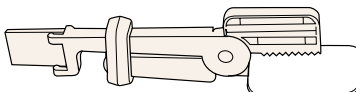
- The Snap-A-Ray film holder can be sterilized in your steam autoclave or chemiclave. Other methods of sterilization are not recommended.

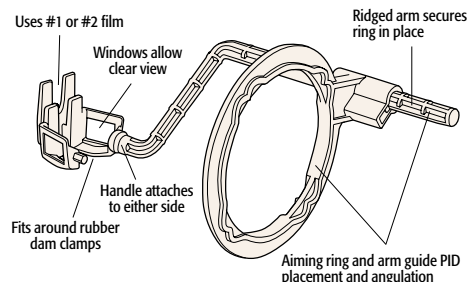Film Position A: For most anterior radiographs

Film Position B: For lower third-molar region

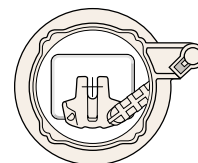Film Position C: For posterior areas

EndoRay® II Film Holder

540303 Package of 2

The EndoRay II, employing the paralleling technique, fits over endodontic files, rubber dams, and clamps and is securely held by the patient's bite. To assemble and use, follow these simple instructions:

- With film centered in the basket (see illustration), place the assembly over the tooth (with files and clamp) and rest it on adjacent teeth. If you are using a rubber dam, release the top or bottom half from the frame. There is no need to completely remove the rubber dam and frame. The film should be adjacent to the subject tooth and behind the rubber dam. The patient should then bite lightly until the EndoRay II is secure.

- The EndoRay II is manufactured from a porous plastic material and has a limited life. It must be replaced periodically.
- For a longer-lasting instrument, always disassemble the three pieces before sterilizing.
- The EndoRay II should be sterilized in a steam autoclave or chemiclave. Other methods of sterilization are not recommended.
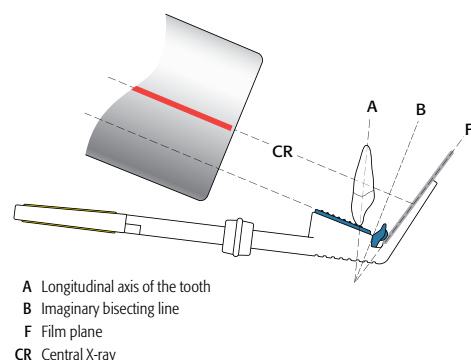
Snap-A-Ray® Xtra Film and Phosphor Plate Holder

540501 Package of 1
540503 Package of 3

Aligning the x-ray cone parallel to the blue bite surface creates the correct angle for bisecting angle technique radiographs.
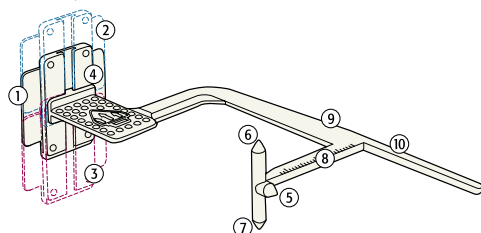

A Longitudinal axis of the tooth
B Imaginary bisecting line
F Film plane
CR Central X-ray

Uni-Bite™ Film Holder

540401 Package of 1

The Uni-Bite film holder has a sliding film carrier to accommodate anterior, posterior, and bitewing exposures, with target points for positioning the PID for each area. The handle guides the PID perpendicular to the film.

- The Uni-Bite film holder should be sterilized in a steam autoclave or chemiclave. Other methods of sterilization are not recommended.
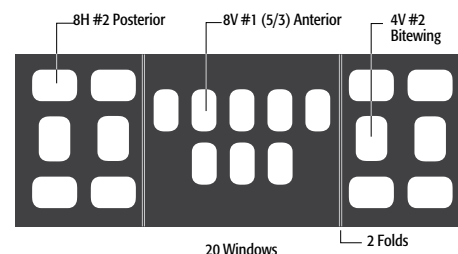 1. Adjustable film carrier accommodates #0, #1 and #2 film;

correct film position is indicated on back of carrier.
2. (Blue lines in diagram) Film carrier position for upper-right and lower-left radiographs
3. (Red lines) Film carrier position for upper-left and lower-right radiographs
4. Film carrier in middle position, for bitewing exposures
5. Target point for bitewing exposures (position 4)
6. Target point for position 2
7. Target point for position 3
8. Cross-bar with millimeter scale (index bar)
9. Handle for easy placement of Uni-Bite
10. Extended arm aids orientation of PID at right angle to the film

Film Mounts

Use these guidelines for easy selection of your film mount:

- Determine total number of windows (in the example: 20)
- Identify size of film used (example: 8H#2 8V#1 (5/3) 4VBW#2)
- Style / material / color (the Series number, as denoted by the first two digits of the product number, and as shown in the column headings)
- Determine vertical or horizontal bitewings, if necessary (example: 4VBW#2)
- If applicable, identify the number of folds (example: 2 folds)

Chairside Darkroom

530105 Chairside Darkroom
530108 Chairside Mini-Darkroom
520602 Rapid Process Developer – 12 quarts
520604 Rapid Process Fixer – 12 quarts

For complete details on the use of the Rinn Chairside Darkrooms, please see the instruction manual that accompanies each unit.

Processing Film in the Chairside Darkroom

For successful developing of your radiograph, you will need: the RINN Chairside Darkroom (**530105**) or Mini-Darkroom (**530108**), RINN Rapid Process Developer and RINN Rapid Process Fixer, and your film to be developed .

1. Fill the 240-ml beakers with appropriate chemistry or water (marked on inside of unit). Place all needed items inside the Chairside and close the light filter top.
2. Place your arms through the sleeves on the front of the unit. Unwrap the undeveloped film and place the film on a processing hanger (included).
3. Dip the film into the developer beaker for 10 to 15 seconds. Then rinse in the water and place in the fixer for 10 to 15 seconds. Wash the film thoroughly. For archival quality radiographs, the film must be returned to the fixer for at least 4 minutes, and then rinsed in running water for 30 seconds.

Helpful Hints

- Processing chemistry has a shelf life of one year in unopened bottles. Once opened it will last approximately 30 days. Store in a cool, dry place.
- Developer and Fixer, in the beakers, last approximately 4-5 days, or up to approximately 100 films.
- The Mini-Ray duplicator (**721220**) can be used in conjunction with the RINN Chairside Darkrooms.

Protective Radiography Aprons

Care and Maintenance

Clean with soap and water as needed. **Do not use alcohol-base cleaners.** Store at room temperature. Do not store below 10°C (50°F) or above 37°C (100°F). For storage, hang aprons or lay flat. **Do not fold.** Dispose of lead-lined aprons in accordance with applicable laws.

Testing

1. Place an unexposed film behind the apron in the area that needs testing.
2. Place the x-ray cone on the opposite side of the apron from the film and aim directly at the film.
3. Expose the film at the highest level used during normal procedural exposures. Process the exposed film.
4. Using a densitometer, compare the density of the exposed film to the density of a calibrated step wedge at the step equivalent to .3mm or .5mm.
5. The density reading must be equal to or less than the reading at the calibrated step. If it is not, the apron is defective.

Note: a crack in the apron would appear as a dark line.

Apron Dimensions and Weights

Description	Size (mm)	Weight (kg) SOOTHE-GUARD AIR LEAD-FREE .3 mm Lead Equiv.	SOOTHE-GUARD LEAD-LINED .3 mm Lead Equiv.	.5 mm Lead Equiv.
Adult Patient	594 x 645	1.7	2.6	4.0
Adult Patient w/Collar	584 x 635		3.0	
Child Patient w/Collar	521 x 498		2.0	
Pano Cape*	610 x 286	1.2		3.0
Technician	603 x 922	2.4		
Protective Collar*	133 x 686		0.4	

All sizes and weights are approximate. Length is measured from the neckline, except (*).
Add box weight of .3 kg to determine ship weight of aprons (.14 kg for collars).