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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.

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.

RINN QUALITY POLICY

We are committed to developing, manufacturing, marketing and distributing quality dental products that are safe, effective, and meet or exceed customers' expectations. We achieve this through our dedication to excellence, continual improvement, and personal responsibility in all aspects of our work. We believe that the quality of our products is the responsibility of each member of our team and we strive to make our products defect-free and right, the first time and every time.

ENVIRONMENTAL PROMISE

DENTSPLY Rinn strives to maintain environmental responsibility in all aspects of our business. Wherever possible, recycled materials are used in the manufacture and packaging of all products. All styrofoam products are made with ozone-friendly styrofoam that contains no CFCs. Shipping cartons are filled with 100% biodegradable materials. And DENTSPLY Rinn actively recycles materials in our manufacturing facilities and offices. DENTSPLY Rinn will continue to respond to the ever-growing concern for the environment and our natural resources.

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For faster FMX...

UNI-GRIP® 360

UNIVERSAL SENSOR HOLDER



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

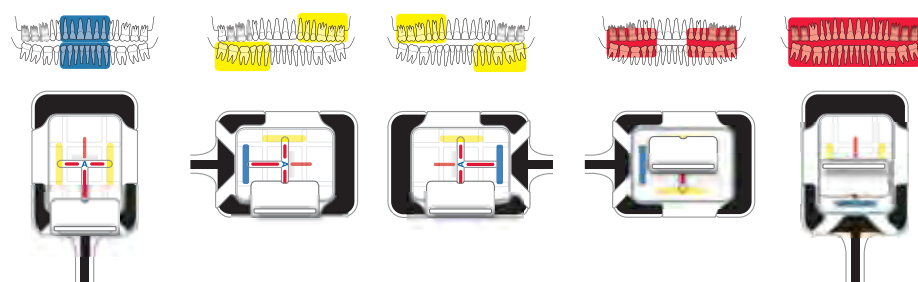
Save time during your digital radiograph procedures with the new Uni-Grip 360 Universal Disposable Sensor Holder. Improved to make digital radiographs easy and accurate:

- **70% more positioning range in posterior** and 25% in anterior indications to help capture the anatomy you want to see
- **20% thinner base** means less bulk – Patient friendly!
- Stiffer bite-tab for **less flexing**
- Perforated adhesive tabs for **fast and easy removal**
- Single-use for **optimal patient protection**
- **Economical** vs. different holders for each indication
- Use with Uni-GripAR 3-in-1 arm & ring positioning system for **stress-free paralleling**



Perforated side tabs make removal easy.

- 550052** Uni-Grip 360 Kit
50 Uni-Grip 360 Universal Sensor Holders & 50 Sensor Covers
- 550252** Uni-Grip 360 Combo Pack
100 Uni-Grip 360 Universal Sensor Holders, 100 Sensor Covers, and 1 Uni-GripAR Positioning Arm and Ring



Visit UniGrip.com to watch the training video and get a FREE trial pack worth \$4995!



Uni-GripAR® Positioning Arm and Ring

Accurately align your x-ray cone with the universal Uni-GripAR positioning arm and ring for Uni-Grip holders.

- Works with any Uni-Grip holder
- Anterior, posterior and bitewing x-rays
- Color-coded for quick assembly for any position
- Bitepiece slides in in just a moment
- Lightweight for patient comfort
- Fully autoclavable

550100 Uni-GripAR Positioning Arm and Ring



See page 28 for additional information. Visit www.UniGrip.com for Uni-Grip instructions, training videos and helpful tips

XCP-ORA®

ONE RING & ARM POSITIONING SYSTEM

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 number of components needed for accurately positioning radiographic media with Rinn XCP® or XCP-DS® biteblocks for Anteriors, Posteriors and Bitewings to just one arm, one ring.

- For Film and Sensors
- Autoclavable for low cost-per-use
- Lightweight construction helps patients maintain positioning

- Patent-pending Ring & Arm Design simplifies your positioning procedure with less parts
- Patented color coding for faster, easier, more accurate positioning
- Biteblocks sold separately and in select kits

- 550771 XCP-ORA® One Ring & Arm, 1-pack
- 550772 XCP-ORA® One Ring & Arm, 2-pack
- 550773 XCP-ORA® Ring only, 1-pack
- 550774 XCP-ORA® Arm only, 1-pack



Compatible with all Rinn XCP and XCP-DS biteblocks (sold separately)

XCP-DS®

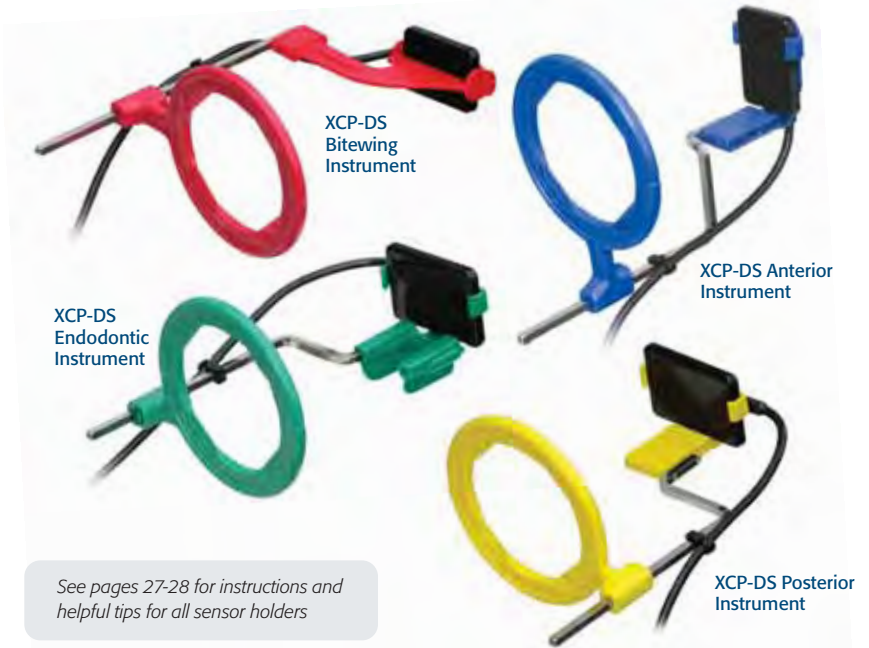
DIGITAL SENSOR HOLDERS

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 patented color-coding
- Simple reordering with standardized parts for all leading brands of sensors
- Fully steam autoclavable



XCP Positioning Arms and Rings

Aiming Rings and Arms are common to all XCP and XCP-DS systems.

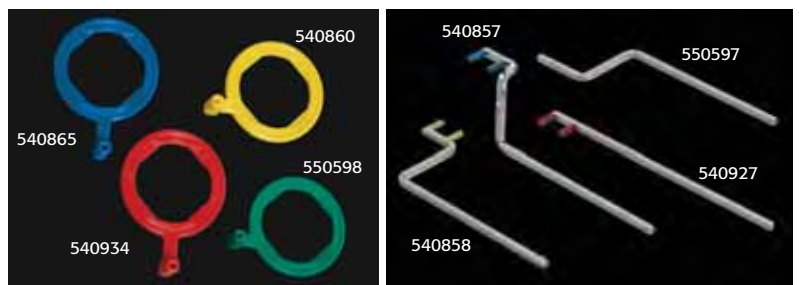
Systems that do not have one-piece biteblocks require bitepieces (common to all) and specialized baskets designed for each specific style and size of sensor.

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)



XCP-DS® for Schick CDR

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

See also the *Snap-A-Ray® Holder for Schick Sensors*, p. 8

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 #2V Endo
 50 Disposable Cord Holders, Instructional Poster

XCP-DS Instructional Posters
 005566 for Schick CDR
 005569 for Sirona XIOS
 005575 for Dent-X EVA Classic

551971 XCP-ORA Kit with Biteblocks for Schick CDR
 1 XCP-ORA Arm, 1 XCP-ORA Ring
 32 Biteblocks — 4 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
 Instructional Booklet
 > For endo, biteblocks (550627 and 550628), endo arm (550597) and endo ring (550598) must be purchased separately.

Replacement Rings and Arms: see page 4.
Replacement biteblocks sold 3 per package.
 Order by 6-digit part number.



XCP-DS® for Schick CDR Elite Digital Sensors

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.

Replacement Rings and Arms: see page 4.

Replacement biteblocks sold 3 per package.
 Order by 6-digit part number.



XCP-DS® for e2v (CCD) Digital Sensors

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

See also the *Snap-A-Ray® Holder for e2v/Schick Sensors*, page 8

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 Sensor
 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 Ant., 1 Post., 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 Visident
 1 Ant. Ring, 1 Ant. Arm, 1 Ant. Bitepiece,
 1 #2H Basket (550595), 1 #2V Basket (550596)

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

551065 XCP-DS Bitewing Kit for Visident
 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 Rings and Arms: see page 4.

Replacement baskets and bitepieces sold 3 per package.
 Order by 6-digit part number.



XCP-DS® for Kodak 5100/6100/6500 Digital Sensors

553001 XCP-DS Kit for Kodak 5100/6100/6500 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:

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 #2V Endo

50 Disposable Cord Holders

Instructional Poster #005573



553071 XCP-ORA Kit with Biteblocks for Kodak 5100/6100/6500

1 XCP-ORA Arm, 1 XCP-ORA Ring

32 Biteblocks — 4 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

Instructional Booklet

> For endo, biteblocks (553019 and 553020), endo arm (550597) and endo ring (550598) must be purchased separately.

XCP-DS® for Trophy Kodak RVG 5000/6000 Digital Sensors

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

Instructional Poster #005537



Use with Bitepieces (below)

XCP-DS® for Trophy Kodak RVG 5 Digital Sensor

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



Use with Bitepieces (below)

XCP-DS® for Gendex eHD Digital Sensors

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 #05527

Note: #2 Bitewings can also be achieved with single piece biteblocks 552503 [H] and 553018 [V].

551071 XCP-ORA Kit with Biteblocks for Gendex eHD

1 XCP-ORA Arm, 1 XCP-ORA Ring

12 Bitepieces: 4 Anterior, 4 Posterior, 4 BW

16 Baskets — 4 each:

550614 #1 Vert. (Black)	550615 #1 Hor. (Black),
550616 #2 Vert. (White)	550617 #2 Hor. (White)

Instructional Booklet

> For endo, bitepieces (550562), endo arm (550597) and endo ring (550598) must be purchased separately.



Use with Bitepieces (below)

► Replacement Bitepieces

For Rings and Arms, see page 4.

Replacement biteblocks, or baskets and bitepieces, sold 3 per package.

Order by 6-digit part number.

Bitepieces 3 per package

550567	Anterior (Blue)
550568	Posterior (Yellow)
550570	Bitewing (Red)
550562	Endo (Green)



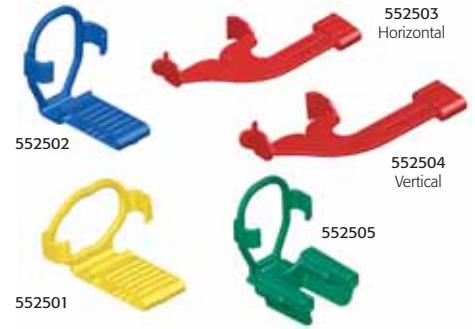
XCP-DS® for DEXIS PerfectSize and Platinum Digital Sensors

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

552571 XCP-ORA Kit with Biteblocks for DEXIS

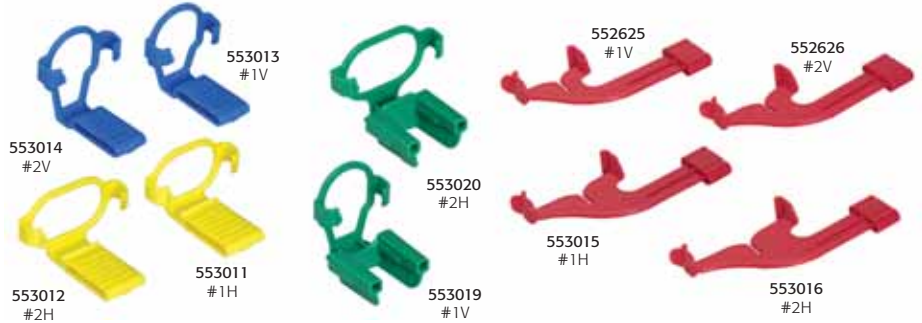
1 XCP-ORA Arm, 1 XCP-ORA Ring
16 Biteblocks — 4 each:
552501 Hor. Posterior 552502 Vert Anterior
552503 Hor. Bitewing 552504 Vert. Bitewing
Instructional Booklet
> For endo, biteblocks (552505), endo arm (550597)
and endo ring (550598) must be purchased separately.



XCP-DS® for Sirona XIOS Plus

552160 XCP-ORA Kit with Biteblocks for XIOS Plus

1 XCP-ORA Arm, 1 XCP-ORA Ring
32 Biteblocks — 4 each:
553011 #1H Posterior 553012 #2H Posterior
553013 #1V Anterior 553014 #2V Anterior
553015 #1H Bitewing 553016 #2H Bitewing
552625 #1V Bitewing 552626 #2V Bitewing
Instructional Booklet
> For endo, biteblocks (553019 and 553020), endo arm
(550597) and endo ring (550598) must be purchased
separately.



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

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



Use with Bitepieces (page 6)

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

XCP-DS® for Instrumentarium Snapshot

553971 XCP-ORA Kit with Biteblocks for Instrumentarium Snapshot

1 XCP-ORA Arm, 1 XCP-ORA Ring
16 Biteblocks — 2 each:
552111 #1H Posterior 553012 #2H Posterior
553013 #1V Anterior 553014 #2V Anterior
553015 #1H Bitewing 553016 #2H Bitewing
552117 #1V Bitewing 553018 #2V Bitewing
Instructional Booklet

> For endo, biteblocks (553019 and 552120), endo arm (550597)
and endo ring (550598) must be purchased separately.

XCP-DS® for Sigma Bio-Ray

551020 XCP-DS Kit for Sigma Bio-Ray

5 Arms: 1 Anterior, 2 Posterior, 1 BW, 1 Endo
5 Rings: 1 Anterior, 2 Posterior, 1 BW, 1 Endo
8 Bitepieces: 2 Anterior, 2 Posterior, 2 BW, 2 Endo
8 Baskets — 2 each:
550614 #1V (Black) 550615 #1H (Black),
550599 #2V (White) 550595 #2H (White)
Instructional Poster



Use with Bitepieces (page 6)

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	552113 #2H Bitewing
552117 #1V Bitewing	552118 #2V Bitewing
552119 #1V Endo	552120 #2V Endo

50 Disposable Cord Holders
Instructional Poster #005571

For Replacement Rings and Arms, see page 4.

Replacement biteblocks sold 3 per package.

Order by 6-digit part number.



XCP-DS® for Sirona Digital Sensors

Also suitable for GE Healthcare, Planmeca Dixi

Not for Sirona XIOS (see page 5) or XIOS Plus (see page 7)

551150 XCP-DS Kit for Sirona, Complete

4 Arms: 1 Anterior, 1 Posterior, 1 Bitewing, 1 Endo
4 Rings: 1 Anterior, 1 Posterior, 1 Bitewing, 1 Endo
4 Bitepieces: 1 Anterior, 1 Posterior, 1 Bitewing, 1 Endo
18 Baskets — 2 each:

550573 Ant. Vert. Full Size	550580 Ant. Vert. Univ.
550603 Post. Hor. Universal	550569 Post. Hor. Full Size
550574 Post. Vert. Universal	550575 Bitewing Full Size
550561 Endo Hor. Full Size	550564 Endo Vert. Univ.
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 Vertical Baskets (550573)

551551 XCP-DS Posterior Kit for Sirona

1 Posterior Ring, 1 Posterior Arm, 1 Posterior Bitepiece,
6 Posterior Baskets: 2 Full Size Horizontal (550569),
2 Universal Horizontal (550603), 2 Universal Vertical (550574)

551552 XCP-DS Bitewing Kit for Sirona

1 Bitewing Ring, 1 Bitewing Arm, 1 Bitewing
Bitepiece, 2 Bitewing Full Size Vertical Baskets

551553 XCP-DS Endo Kit for Sirona

1 Endo Ring, 1 Endo Arm, 1 Endo Bitepiece,
4 Endo Baskets: 2 Full Size Vertical (550563),
2 Universal Vertical (550564)
Sirona Endo Instructional Poster #005530

Replacement Parts

For Rings and Arms, see page 4.

Replacement baskets & bitepieces sold
3 per package. Order by 6-digit part number.

005552 Sirona Instructional Poster

005530 Sirona Endo Instructional Poster

Note: Universal = Small, Full Size = Large



Eeze-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.

- Accurate positioning for distortion-free radiographs
- Great for all anterior and posterior radiographs, including the third-molar region
- Patented flexible grips for patient comfort
- Designed for a snug fit to prevent sensor slipping
- Fully steam autoclavable for complete patient protection
- Universal — accommodates virtually all popular sensor brands

550293 Eeze-Grip Digital Sensor Holder, package of 1

550294 Eeze-Grip Digital Sensor Holder, package of 3



Anterior



Posterior



Snap-A-Ray® Holder for e2v (CCD) and Schick CDR Sensors

Posterior radiographs made simple with the modified Snap-A-Ray holder.

- Eliminates manual retention of sensor by patient
- Long-lasting; easily sterilized by steam autoclave, chemiclave, or cold disinfectants

550295 Snap-A-Ray® Holder for Schick CDR Sensors

Note: Not for Schick CDR Elite or other CMOS sensors.

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.

- Fast and easy — just slides over bagged sensor
- Heavy duty paperboard maintains positioning
- Disposable for optimum infection control
- More economical than self-adhesive tabs
- Minimum separation of maxillary and mandibular teeth
- Comfortable for your patient



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, Schick Wireless, Kodak RVG5000/6000, Suni Ray		559012	559022
DEXIS PerfectSize			559022
DEXIS Platinum		559021	
Kodak 5100/6100/6500, Instrumentarium Snapshot		559021	559023
Dent-X, Gendex eHD, RVG 5		559012	559023

5
Custom
Sizes
Available!

- 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)

Rinn® EZ-Tab® Universal Bitewing Tab for Digital Sensors

The adhesive bitewing tab that does more!

The extended arms lock the sensor snugly within the sensor cover for more accurate bitewing radiographs.

- Paper based for low cost per use
- Thin bite-tab for maximum anatomy capture
- Single-use for optimum infection control
- Wide bite-tab for sensor stability
- Universal design works with most sensors

559500 Rinn EZ-Tab Universal Bitewing Tab, package of 500



Anti-Slip Tabs Hold Sensor in Cover!

Rinn® Cover-Cozee™ Sensor Cover Tamer

The Anti-Slip Comfort Solution for Adhesive-Based Sensor Holders

No longer will you have to use an extremely tight bag on your sensor — the Cover-Cozee Sensor Cover Tamer works with universal bags to allow for a secure sensor with the added benefit of patient comfort.

- Holds sensor in place within sensor cover during radiographs
- Universal sizing accommodates most sensors
- Compatible with Uni-Grip® and other popular adhesive-based sensor holders
- Thin elastic foam construction provides patient comfort without adding bulk
- Single-use for optimum infection control

550240 Rinn Cover-Cozee Sensor Cover Tamer, package of 240



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 with the quick grip design
- Universal — Use with any sensor cord
- Saves time and money — no autoclaving

550613 XCP-DS® Disposable Cord Holder, package of 50



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

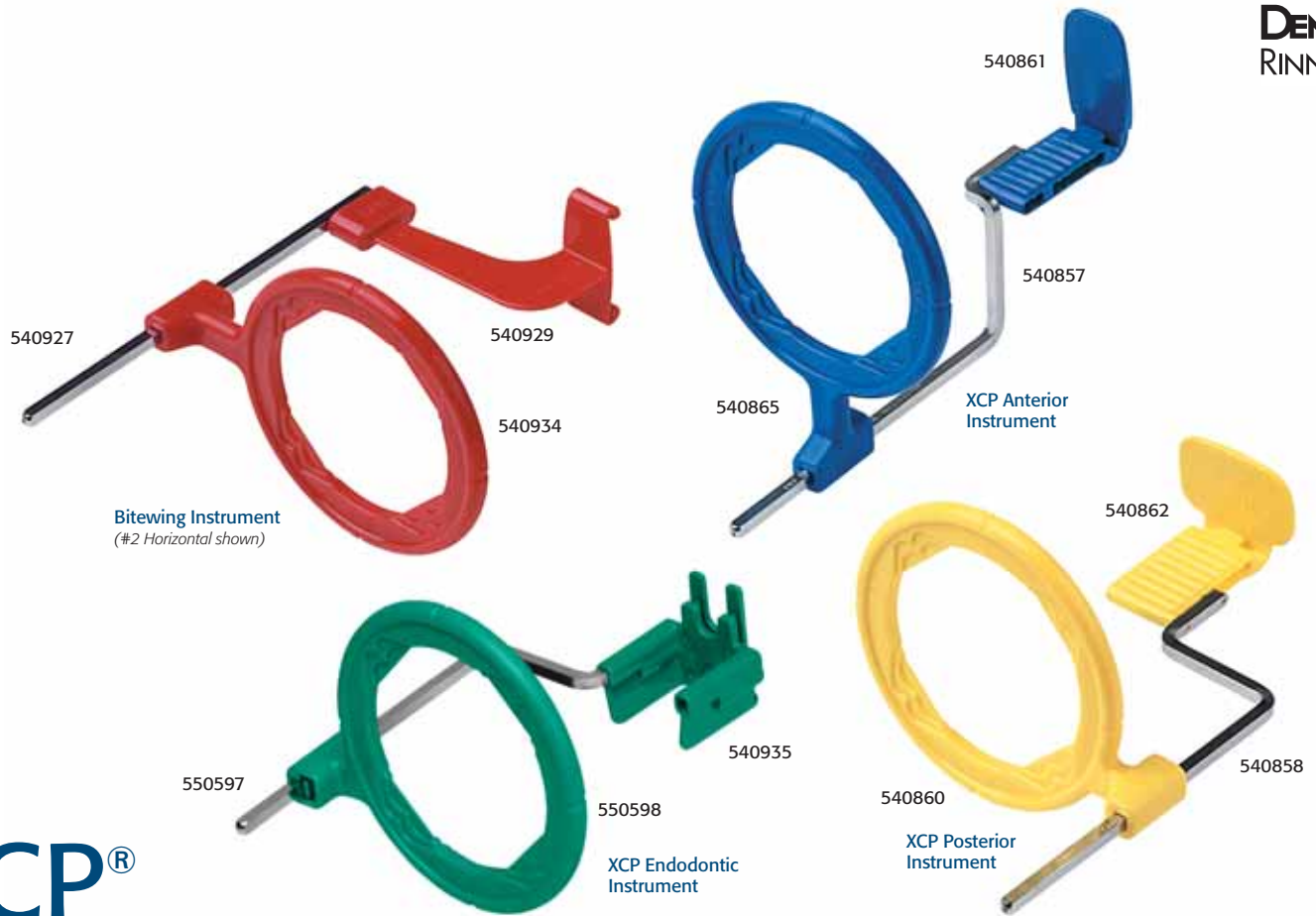


Universal Collimator

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

- Use in conjunction with XCP, XCP-DS, BAI or EndoRay II Positioning Systems for accurate alignment
- Protect your patients by limiting the size of the primary x-ray beam to #2 film
- Quickly applies into open end of round PID
- Vertical or horizontal use
- Complies with NCRP Report 145

540853 Universal Collimator



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) Evolution 2000 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);
illustrated instruction 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, and 3 endo biteblocks

542050 XCP Arm & Ring Kit

3 arms: 1 anterior, 2 posterior, 1 bitewing
3 rings: 1 anterior, 2 posterior 1 bitewing

Bitewing Instrument Kits

Each kit includes 1 bitewing ring, 1 bitewing arm, 4 bitewing biteblocks of the designated size, and illustrated instruction 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



XCP-ORA Kit with Biteblocks for Film

542071 XCP-ORA Kit with Biteblocks for Film & PSP

1 XCP-ORA arm, 1 XCP-ORA ring
72 biteblocks: 20 anterior, 20 posterior, 32 bitewing (10 H#2, 10 H #1, 6 V#2, 6 V#1)
illustrated instruction manual

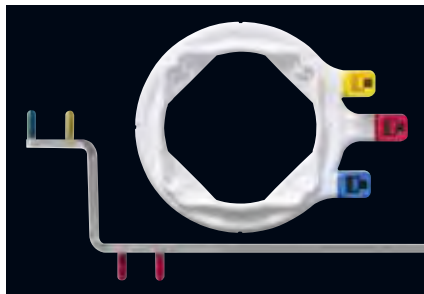
BAI (Bisecting Angle) Instrumentation

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
- 550773 XCP-ORA Ring only, 1-pack
- 550774 XCP-ORA Arm only, 1-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

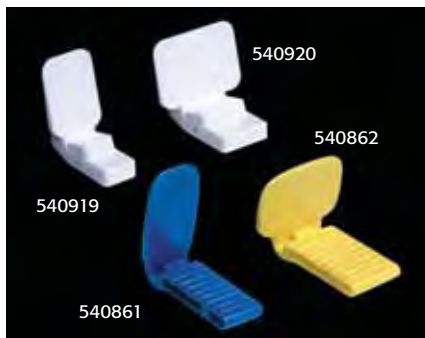
Sold individually.

- 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.

005561 XCP Endo Poster
15" x 16.5" multi-language wall poster details XCP endodontic procedure.

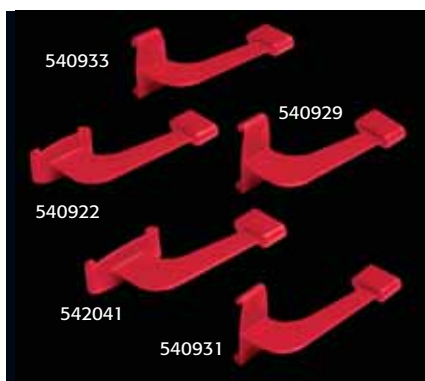


XCP Color-Coded Biteblocks

- 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 or chemiclave

540303 EndoRay II, 2 pack

540307 EndoRay II, 4 pack

Replacement Parts (1 per pkg.)

540310 EndoRay II Arm

540311 EndoRay II Basket

540312 EndoRay II Ring



Snap-A-Ray® Film Holder

Take quick and precise anterior and posterior bisecting angle radiographs.

- Eliminates manual retention of film packet by patient
- Enhanced patient comfort with lightweight plastic
- Steam autoclave or chemiclave

540293 Snap-A-Ray, 1-pack

540200 Snap-A-Ray, 3-pack



Uni-Bite™ Film Holder

Take exceptional 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

540400 Uni-Bite, 6-pack

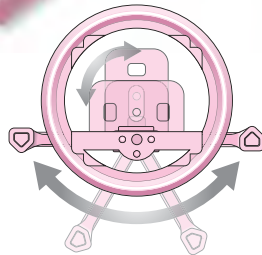
See pages 27-28 for instructions and helpful tips for all film holders



Rinn Flip-Ray® PA Universal Periapical Film & Phosphor Plate Holder

The Rinn Flip-Ray PA Universal Film & Phosphor Plate paralleling system is designed to simplify the radiographic procedure. The unique system allows easily changing from horizontal to vertical, and left to right orientations so you don't spend time looking for multiple biteblocks.

- One holder for horizontal and vertical periapicals
- Accommodates size 0, 1, and 2 film and phosphor plates
- Lightweight plastic construction is steam autoclavable at up to 270°F
- Available with Adult size or smaller, Pedo size biteblock



Adjustable ring and media holder easily flip orientations to change quadrants fast.

- 552600 Flip-Ray Complete Kit
2 Flip-Ray PA (1 Adult biteblock, 1 Pedo biteblock) and 2 Flip-Ray BW
- 552601 Flip-Ray PA — Pedo size biteblocks, package of 4
- 552602 Flip-Ray PA — Adult size biteblocks, package of 4

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

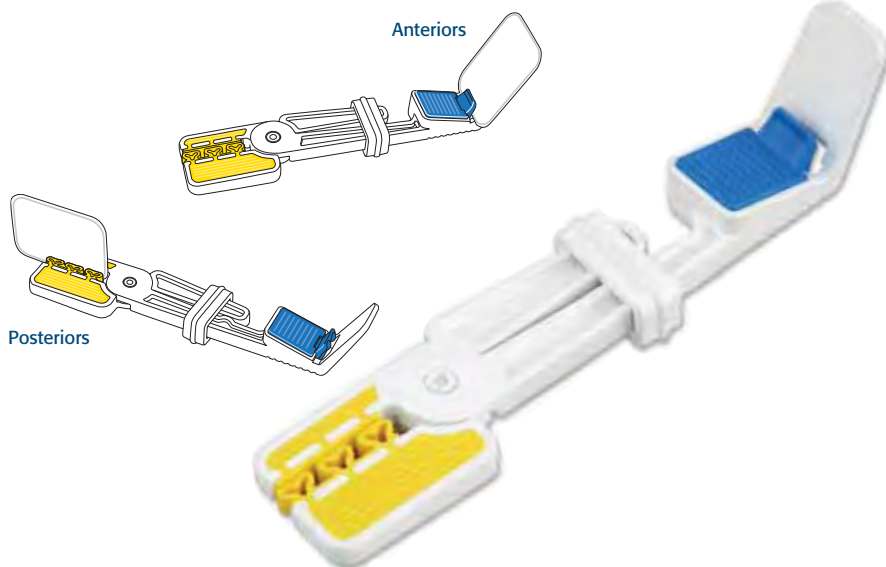
The Rinn FLIP-RAY BW's rotating media clip lets you take bitewing radiographs horizontally or vertically with a simple flip. With the included aiming ring, you'll capture accurate radiographs the first time, every time.

- 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!



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 29 for instructions and additional information



Rinn® Cover-Cozee™ Silicone Bitewing Holder

The new Rinn Cover-Cozee Silicone Bitewing Holder is the fast and comfortable tool for taking horizontal bitewing radiographs with size 2 x-ray film. Soft silicone covers and secures film edges to provide patient comfort during bitewing radiographs.

- Covers sharp edges of film for patient comfort
- Bite surface is soft and resilient silicone for extended life
- Steam autoclavable at 270°F for optimal infection control
- For size 2 x-ray film only

540510 Rinn Cover-Cozee Silicone Bitewing Holder for Size 2 Film, package of 10

Rinn® Cover-Cozee™ Universal Adhesive Comfort Tab

Rinn Cover-Cozee Universal Adhesive Comfort Tabs allow you to provide your patient with a comforting cushion anywhere it's needed during radiographic procedures.

- Versatile — use with film and digital sensors
- White for better intraoral visibility
- Thin construction adds comfort without adding bulk
- Easy dispensing box

540300 Rinn Cover-Cozee Universal Adhesive Comfort Tab, package of 300



Uni-Grip® Universal Disposable Radiography 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

550255 Uni-Grip® Combo Kit for Film and Phosphor Plates (two 550055 kits + one Uni-GripAR®)



VIP™ Film Holder

Simplify paralleling technique film positioning and produce anatomically accurate radiographs.

- Accommodates #0, #1 or #2 film, horizontally or vertically
- Holder adjusts to the appropriate size for pediatric applications
- Steam autoclave all pieces at "low" setting. Do not autoclave target ring or bitepads

Replacement Parts

- 850351** VIP BW Biteblocks, #1V (12/pkg.)
- 850352** VIP BW Biteblocks, #2V (12/pkg.)
- 850353** VIP BW Biteblocks, #2H (12/pkg.)
- 850354** VIP All-purpose Biteblocks (blue) (12/pkg.)
- 850355** VIP Bitepads (12/pkg.)
- 850356** VIP Coupler (arm) (1/pkg.)
- 850357** VIP Target (blue ring) (1/pkg.)
- 850358** VIP Instruction Manual



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./box (36 boxes/case)

Stabe® Biteblocks

- Accommodate #0, #1 or #2 film, horizontally or vertically
- Snap off scored front for pedo applications

600870 Stabe 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./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.
- 143026** Bitewing Loops for #0 & 1 film, 1500 pcs.
- 143027** Bitewing Loops for #2 film, 1500 pcs.

Adhesive Bitewing Tabs

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

- 140500** Bitewing Tabs, 500 pcs.
- 141000** Bitewing Tabs, 1000 pcs.

Film Mounts

Since 1923, Rinn has been the leading supplier of film mounts worldwide. With hundreds of configurations and styles to choose from, you'll easily find the film mount to fit your needs!



10 Series

15 Series



30 Series

77 Series

78 Series



26 Series

25 Series

OPEN WINDOW PAPERBOARD

EEZEEMOUNT® Paperboard
10 Series (Grey), 15 Series (Black)

The standard since 1923.

- Films slide in easily, stay securely in die-cut windows
- Sturdy, reusable paperboard construction
- Accepts any pen or pencil

OPEN WINDOW VINYL

EZ-Tab® Plastic
30, 76 Series (Grey), 77 Series (Black),
78 Series (Frosted)

- X-rays snap quickly into tabs for easy loading
- Chemical and water-resistant vinyl permits processing in the mount
- Recessed windows keep radiographs safe

DarcView® 26 Series Black)

- Ultra-thin for compact filing

NOTCHED/DIE-CUT

TransView® 25 Series (Frosted)

- Light-diffusing vinyl offers full visibility of radiographs.
- Films held securely by easy-opening die-cuts
- Thin profile requires minimum filing space
- Wide selection of configurations



20 Series

21 Series

22 Series

23 Series

VINYL POCKET

The ultimate in film protection and easy storage.

EZ-View® Clear Pocket 20 Series

- Allows full visibility of the radiographs
- Includes name and date stickers for labeling and reuse
- Popular **Universal Cut-Apart** (200102) has 1000 windows that you can cut into your desired configuration
- **FasTear**® (200500) has 500 pairs of windows that you tear into your configuration, with printed inscription area

EZ-View® Masked Pocket
21 Series (Black), 22 Series (Green),
23 Series (Open-Window Masked Black)

- 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
- **Free imprinting available!** See page 19.

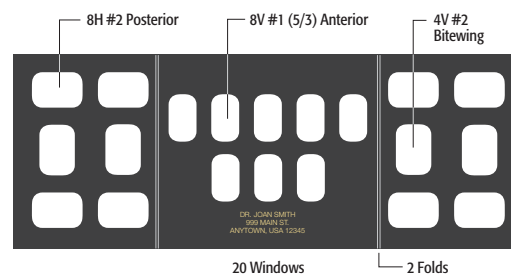
Note: some configurations may be top and bottom loading.



Mount Selection Guidelines











- 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)

Tip: Mount your #0 films in #2 sized windows with Rinn's #0 inserts (see page 15).



Approx. 100 mounts per package, measured by weight.
"B" Numbers: 200-count Bulk Pack
Light italic part numbers: Made-to-order (not returnable)

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

		Ezeemount® Paperboard 10: Grey 15: Black	EZ-Tab® Open Window 30, 76: Grey 77: Black 78: Frosted	DarcView® Open Window 26: Black	TransView® Notched 25: Translucent	EZ-View® Vinyl Pocket 20: Clear	EZ-View® Masked Pocket 21: Black 22: Green 23: Open Window	
#0 insert windows			300100, 770148 1.2 x 1.6 31 x 41mm #1 envelope		250100 #OADP 1.2 x 1.6 31 x 41mm #1 envelope			
1H		#0	100102 3 x 4.375 76 x 111mm #5 envelope	304011 2.75 x 4 70 x 101mm #5 envelope				
		#1		770156 2.75 x 4 70 x 101mm #5 envelope				
		#2	100101 3 x 4.375 76 x 111mm #5 envelope	306011 77- 780100 2.75 x 4 70 x 101mm #5 envelope	260178 1WDH 2.75 x 4 70 x 101mm #5 envelope	250178 1WTH 2.75 x 4 70 x 101mm #5 envelope	201018 2.375 x 4.125 60 x 105mm #5 envelope	216011, 226011 236011 2.625 x 3.75 67 x 95mm #5 envelope
1V		#2	100113 3 x 4.375 76 x 111mm #5 envelope	306012, 770101 2.75 x 4 70 x 101mm #5 envelope		250505 1WTV 2.75 x 4 70 x 101mm #5 envelope	201018 2.375 x 4.125 60 x 105mm #5 envelope	216012 2.75 x 3.75 70 x 95mm #5 envelope
2H		#0	100121 3 x 4.375 76 x 111mm #5 envelope	304021 770142 2.75 x 4 70 x 101mm #5 envelope	260811 2NOD 2.75 x 4 70 x 101mm #5 envelope	250811 2WN0 2.75 x 4 70 x 101mm #5 envelope	201024 2.5 x 3.375 64 x 86mm #5 envelope	214021, 224021 234021 2.625 x 3.75 67 x 95mm #5 envelope
		#1	100105 3 x 4.375 76 x 111mm #5 envelope	305021, 770139 2.75 x 4 70 x 101mm #5 envelope				
		#2	100119, 150119 3 x 4.375 76 x 111mm #5 envelope	306021 77- 780102 2.75 x 4 70 x 101mm #5 envelope	260179 2WDH 2.75 x 4 70 x 101mm #5 envelope	250179 2WTH 2.75 x 4 70 x 101mm #5 envelope	201020 2.5 x 3.375 67 x 89mm #5 envelope	216021, 216021B 226021, 226021B 236021 2.625 x 3.75 67 x 95mm #5 envelope
		#3	100131 3 x 5.375 76 x 136mm #5 envelope	307021 2.75 x 5.5 70 x 140mm #5 envelope		250180 23BWT 2.75 x 5.5 70 x 140mm #5 envelope	201023 2.375 x 4.5 60 x 114mm #5 envelope	217021, 227021 2.625 x 4.75 67 x 121mm #5 envelope
2V #2		100123 3 x 4.375 76 x 111mm #5 envelope			250506 2WTV 2.75 x 4 70 x 101mm #5 envelope	201021 3 x 3.375 76 x 86mm #5 envelope	216022 2.75 x 3.75 70 x 95mm #5 envelope	
3H #2		100134 3 x 6.5 76 x 165mm #18 envelope				201038 3 x 5.375 76 x 137mm #5 envelope		
3V #2		100135 3 x 5.625 76 x 143mm #18 envelope			250507 3WTV 2.75 x 5.5 70 x 140mm #5 envelope	201038 3 x 5.375 76 x 137mm #5 envelope		
4H		#0	100846 3 x 7.25 76 x 184mm #18 envelope	304040 2.75 x 6.5 70 x 165mm #18 envelope		250817 4WN0 2.75 x 6.5 70 x 165mm #18 envelope	201044 2.5 x 6.125 64 x 156mm #18 envelope	214040, 224040 2.625 x 6.75 67 x 171mm #18 envelope
		#1	100108 3 x 8 76 x 203mm #18 envelope	305040 2.75 x 7.5 70 x 191mm #18 envelope				
		#2	100142, 150142 3 x 8.375 76 x 213mm #14 envelope	306040 77- 780106 2.75 x 7.5 70 x 191mm #14 envelope	260181 4WDH 2.75 x 7.5 70 x 191mm #14 envelope	250181 4WTH 2.75 x 7.5 70 x 191mm #14 envelope	201048 3 x 7 76 x 178mm #14 envelope	216040, 216040B 226040 236040 2.625 x 7.125 67 x 181mm #14 envelope
4H #2		100141 4 x 4.375 101 x 111mm #14 envelope	306045 4 x 4 101 x 101mm #14 envelope		250815 4SSWT 4 x 4 101 X 101mm #14 envelope	201040 3.25 x 4.5 81 x 114mm #14 envelope	216045, 226045 3.625 x 4 92 x 101mm #14 envelope	
2H#2 2H#0			303000 4 x 5.5 101 X 140mm #18 envelope					

Approx. 100 mounts per package, measured by weight.
Light italic part numbers: Made-to-order (not returnable)

KEY TO MOUNTS CODES			Ezeemount® Paperboard 10: Grey	EZ-Tab® Open Window 30, 76: Grey 77: Black 78: Frosted	DarcView® Open Window 26: Black	TransView® Notched 25: Translucent	EZ-View® Vinyl Pocket 20: Clear	EZ-View® Masked Pocket 21: Black 22: Green 23: Open Window
4V		#1		305042 2.75 x 5.5 70 x 138mm #18 envelope				
		#2	100162 3 x 7 76 x 178mm #18 envelope	306042 770107, 780107 2.75 x 6.5 70 x 166mm #18 envelope		250814 4WTV 2.75 x 6.5 70 x 166mm #18 envelope	201048 3 x 7 76 x 178mm #18 envelope	216042, 226042 2.75 x 5.5 70 x 140 #18 envelope
5H or V #2							201058 3 x 9 74 x 228mm #14 envelope	
2H#2 4H#0				302000 4 x 5.5 101 x 140mm #18 envelope		250833 6TKU 4 x 5.5 101 x 140mm #18 envelope		
4H 2V #2			100161 3 x 11.25 76 x 286mm #14 envelope	306062, 770116 2.75 x 10.25 70 x 260mm #14 envelope		250161 6BWT 2.75 x 10.25 70 x 260mm #14 envelope	201062 Top & bottom loading 2.625 x 10 67 x 254mm #14 envelope	216062, 226062 2.625 x 10 67 x 254mm #14 envelope
6H #2			100144 4.375 x 6.3 111 x 160mm #18 envelope	306061, 77- 780108 4 x 5.5 101 x 140mm #14 envelope		250182 6WTH 4 x 5.5 101 x 140mm #18 envelope	201060 3.25 x 6.375 83 x 162mm #14 envelope	216061, 226061 4 x 5.375 101 x 136mm #14 envelope
6V #2								218062, 228062 4.75 x 4.75 120 x 120mm #18 envelope
4H 2V #2				306063 4.25 x 5.5 108 x 140mm #18 envelope				
4H #2 3V #1				760173 2.75 x 11.375 70 x 289mm #14 envelope				
4V #2 3V #1				306072 770118 2.75 x 9.25 70 x 235mm #14 envelope				216072, 226072 2.75 x 9 70 x 229mm #14 envelope
4H 3V #2			100143 [2 folds] 3 x 13.25 [3 x 5.875] 76 x 337mm [76x 149] #14 envelope			250143 7WT 2.75 x 11.375 70 x 289mm #16 envelope	201072 2.375 x 11.25 60 x 286mm #14 envelope	216070 [2 folds] 226070 [2 folds] 2.625 x 11.625 67 x 295mm #16 envelope
7V #2								211642, 221642 2.75 x 9.75 70 x 248mm #14 envelope
8H #2			100156 4.375 x 8.25 111 x 210mm #18 envelope	306081, 77- 780120 4 x 7.5 101 x 191mm #18 envelope		250825 8WTH 4 x 7.5 101 x 191mm #18 envelope	201088 4.125 x 8 105 x 203mm #18 envelope	216081, 226081 4 x 7.125 101 x 181mm #18 envelope
8V #2				306080 4.25 x 6.5 108 x 165mm #18 envelope			201088 4.125 x 8 105 x 203mm #18 envelope	
4H 4V #2							201088 4.125 x 8 105 x 203mm #18 envelope	
2H#2 4H #0 2BW #0			100924 4.375 x 6 111 x 152mm #18 envelope	301000 4.25 x 5.5 108 x 140mm #18 envelope		250835 8TKU 4.25 x 5.5 108 x 140mm #18 envelope		
10H #2							201108 4 x 9.875 101 x 251mm #14 envelope	

Approx. 100 mounts per package, measured by weight.

"B" Numbers: 200-count Bulk Pack

Light italic part numbers: Made-to-order (not returnable)

KEY TO MOUNTS CODES			EZ-Tab® Open Window		DarcView® Open Window		TransView® Notched		EZ-View® Vinyl Pocket		EZ-View® Masked Pocket
H :	Horizontal		30, 76: Grey		26: Black		25: Translucent		20: Clear		21: Black
V :	Vertical		77: Black								22: Green
BW :	Bitewing		78: Frosted								23: Open Window

Full-Mouth Series Mounts (FMX)

10 Windows 4H #2 6V #2		100116 4.375 x 9 111 x 229mm #18 envelope	<i>306102</i> 4.25 x 8 108 x 203mm #18 envelope		250116 10WT 4.25 x 8 108 x 203mm #18 envelope	201108 4 x 9.875 101 x 251mm #14 envelope	
14 Windows 8H #2 6V #2		100136 [2 folds] 4.375 x 13.25 111 x 337mm #18 envelope [folded]	306141, 770130 4.25 x 11.375 108 x 289mm		250184 14WT 4.25 x 11.375 108 x 289mm #14 envelope	201142 4 x 11.125 101 x 283mm #14 envelope	216141 [2 folds] <i>226141</i> [2 folds] 4.375 x 11.625 111 x 295mm #16 envelope
14 Windows 8H #2 6V #2							218142, 228142 5.375 x 7.875 136 x 200mm #18 envelope
14 Windows 4H #2 6V #2 4BW #2					<i>250758</i> 14T58 5.25 x 8.25 133 x 209mm #18 envelope		
16 Windows 6H #2 6V #2 4BW #2							218162 228162 5.375 x 8.125 136 x 206 #18 envelope
16 Windows 8H #2 6V #2 2BW #2		100138 [2 folds] 5.25 x 13.25 133 x 337mm #18 envelope [folded]	306162 4.875 x 11.375 124 x 289mm #16 envelope				216162 [2 folds] 226162 [2 folds] 4.75 x 11.625 121 x 295mm #16 envelope
16 Windows 8H #2 6V #2 2BW #2					250185 16WT 4.875 x 11.375 124 x 289mm #20 envelope		
16 Windows 8H #2 6V #2 2BW #3		100139 [2 folds] 5.25 x 13.25 133 x 337mm #18 envelope [folded]	307162 4.875 x 11.375 124 x 289mm #16 envelope				<i>217162</i> [2 folds] <i>227162</i> [2 folds] 4.75 x 11.625 121 x 295mm #16 envelope
16 Windows 8H #2 6V #2 2BW #3					<i>250163</i> 163BWT 4.875 x 11.375 124 x 289mm #20 envelope	201163 Top & bottom loading 4.5 x 11.25 114 x 286mm #14 envelope	
18 Windows 8H #2 6V #1 4BW #2			306182 4.875 x 11.375 124 x 289mm #16 envelope				
18 Windows 8H #2 6V #2 4BW #2		100140 [2 folds] <i>150140</i> [2 folds] 5.25 x 13.25 133 x 337mm #18 envelope [folded]	306180, 770131 771131 [1 fold] 782131 [2 folds] 4.875 x 11.375 124 x 289mm #16 envelope		250187 18WT 4.875 x 11.375 124 x 289mm #20 envelope	201182 Top & bottom loading 4.875 x 11.25 124 x 286mm #14 envelope	216180 [2 folds] 226180 [2 folds] 236180 4.75 x 11.625 121 x 292mm #16 envelope
18 Windows 8H #2 6V #2 4BW #2							218180 [2 folds] 228180 [2 folds] 4.75 x 12.25 121 x 308mm #16 envelope
18 Windows 8H #2 6V #2 4VBW #2		100240 [2 folds] 5.75 x 13.25 146 x 337mm #20 envelope	306183 4.875 x 11.375 124 x 289mm #16 envelope			200182 Top loading only 5 x 11.5 127 x 292mm #21 envelope	216183 [2 folds] 226183 [2 folds] 4.75 x 11.625 121 x 292mm #16 envelope
18 Windows 8H #2 6V #0 4BW #2			306181 4.875 x 11.375 124 x 289mm #16 envelope				
20 Windows 8H #2 8V #1 (4/4) 4BW #2		100129 [1 fold] <i>150129</i> [1 fold] 5.25 x 13.25 133 x 337mm #18 envelope [folded]	306200 771134 [1 fold] 4.875 x 11.75 124 x 298mm #16 envelope		<i>250838</i> 2055WT 4.875 x 11.375 124 x 289mm #20 envelope	201208 Top & bottom loading 4.75 x 11.5 121 x 291mm #16 envelope	216200 [2 folds] 226200 [2 folds] 4.75 x 11.875 121 x 302mm #18 envelope
20 Windows 8H #2 8V #1 (5/3) 4BW #2		100942 [1 fold] 5.25 x 15.125 133 x 384mm #18 envelope [folded]	306202 [1 fold] 4.875 x 13.5 124 x 342mm #14 envelope				216202 [2 folds] 226202 [2 folds] 4.75 x 12.875 121 x 327mm #18 envelope [folded]

Approx. 100 mounts per package, measured by weight.
"B" Numbers: 200-count Bulk Pack
Light italic part numbers: Made-to-order (not returnable)

KEY TO MOUNTS CODES			Eezeemount® Paperboard 10: Grey	EZ-Tab® Open Window 30, 76: Grey 77: Black 78: Frosted	DarcView® Open Window 26: Black	TransView® Notched 25: Translucent	EZ-View® Vinyl Pocket 20: Clear	EZ-View® Masked Pocket 21: Black 22: Green 23: Open Window
20 Windows 8H #2 8V #1 (5/3) 4VBW #2			<i>100128</i> [1 fold] 5.75 x 15.12 143 x 384mm #20 envelope	306203 [1 fold] 4.875 x 13.5 124 x 343mm #18 envelope [folded]			200221 [2 folds] 5 x 12.75 127 x 324mm #18 envelope [folded]	216203 [2 folds] 226203 [2 folds] 4.75 x 12.875 121 x 327mm #18 envelope [folded]
22 Windows 8H #2 10V #1 (5/5) 4BW #2							200221 [2 folds] 5 x 12.75 127 x 324mm #18 envelope [folded]	
22 Windows 8H #2 10V #1 4VBW #2							200221 [2 folds] 5 x 12.75 127 x 324mm #18 envelope [folded]	
22 Windows 8H #2 10V #0 4BW #2			100130 8.625 x 10.75 219 x 273mm	306220 8 x 9.75 203 x 248mm #22 envelope				
Bitewing History Mounts								
6BW #2						250832 3P2T 5.5 x 4 140 x 101mm #18 envelope		
10BW		#0	100803 8 x 4 203 x 101mm #18 envelope	300123 770135 7.75 x 4 197 x 101mm #18 envelope		250823 5P2T0 7.75 x 4 197 x 101mm #18 envelope		210123 7.625 x 3.625 194 x 92mm #18 envelope
		#1		301234 7.75 x 4 197 x 101mm #18 envelope				211234 7.625 x 3.625 194 x 92mm #18 envelope
		#2	100805 9.5 x 4.5 241 x 114mm #14 envelope	302345 77- 780136 9 x 4 229 x 101mm #18 envelope	260821 5P2D8 7.875 x 5 229 x 101mm #18 envelope	250821 5P2T8 7.825 x 5 200 x 127mm #18 envelope	201108 9.875 x 4 251 x 101mm #14 envelope	212345, 222345 232345 9 x 3.625 229 x 92mm #14 envelope
		#3	100806 9.25 x 5.25 234 x 133mm #20 envelope	303456 8 x 5 203 x 127mm #18 envelope		250820 5P23T8 8 x 5 203 x 127mm #18 envelope		213456, 223456 9 x 4.75 229 x 121mm #14 envelope
12BW #2				306789 5.25 x 8.25 133 x 210mm #18 envelope				
16BW #2								218163, 228163 5.375 x 8 135 x 203 #18 envelope
20BW #2			100905 [1 fold] 9 x 9.5 229 x 241mm #14 envelope [folded]	304567 [1 fold] 76- 77- 780138 9 x 8 229 x 203mm #22 envelope			200138 9 x 7.5 229 x 191mm #22 envelope	214567 [1 fold] 224567 [1 fold] 234567 [1 fold] 9 x 7.25 229 x 183mm #14 envelope [folded]
20VBW #2			100900 11 x 6.3 279 x 160mm #20 envelope	307890 770198 10 x 6.875 254 x 175mm #20 envelope		250900 10 x 6.875 254 x 175mm #22 envelope		217890, 227890 10.75 x 5.75 273 x 146mm #20 envelope
30BW #2								218302, 228302 8.25 x 11.625 210 x 295mm
Occlusal Film Mounts								
1H OCC			100107 4.375 x 4 111 x 101mm #18 envelope				201018 2.375 x 4.125 60 x 105mm #5 envelope	
2H OCC			100122 4.375 x 8 111 x 203mm #18 envelope					



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.

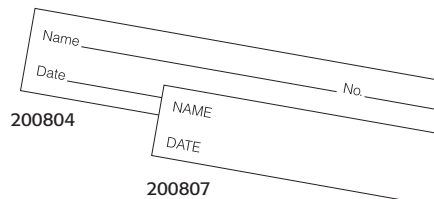
- Flexible windows hold #0, #1, and #2 films vertically or horizontally
- Cost efficient packaging of 1000 windows per box
- Fan-folded for easy dispensing
- Comes with Name/Date labels (200807). Also available for repurchase; see below.

200102 EZ-View Universal Cut-Apart Mounts

Adhesive Labels

200804 Labels for 20 Series Mounts
[except 201018, 201048, 205124]
3" x 1/2" (76 x 14mm), 26 strips of 14

200807 Labels for 200102 Cut-Apart Mounts
1 3/4" x 1/2" (47 x 14mm), 20 sheets of 40



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

200500 EZ-View FasTear Universal Mounts



Marking Pencils – White

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

570303 Marking Pencil, 3-pack

570312 Marking Pencil, 12-pack



Protective Mount Envelopes

Heavy-duty, end-opening grey paper envelopes for filing or mailing x-ray mounts. 100 envelopes per package.

Stock #	Env. #	Overall Size – inches (mm)
500250*	1	2.25 x 3.5 (60 x 90)
500251*	5	3.125 x 5.5 (77 x 140)
500255	14	5 x 11.5 (130 x 290)
500256	16	5 x 12.625 (130 x 320)
500257	18	5.5 x 9.25 (140 x 230)
500849	20	6.25 x 12.25 (159 x 311)
500945	21	5.25 x 12.25 (130 x 311) (Pano, long side opening)
500946	22	8.125 x 10.25 (206 x 260) (Cephalometric)

*Manila stock



Save Time with Imprinted Mounts

Have Rinn personalize your EZ-View Masked film mounts (21, 22 and 23 series). Great for insurance claims and referrals.

No additional fee for imprinting!



Ordering is easy on-line at www.rinncorp.com/labeler, or call Rinn. Imprint orders should include the following information:

- Name and address, with abbreviations noted
- Phone number, if desired

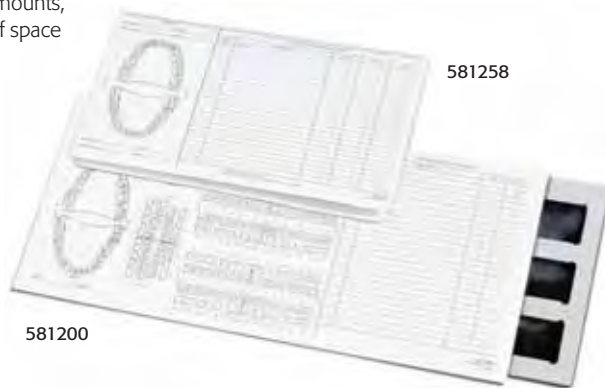
Most mounts allow two to three lines of text. The available imprint space can be verified when placing your order. Imprinted mounts are not returnable. Minimum order 3 packages. Lead times may vary.

Envelope-Record Card Combination

Sturdy paperboard envelope for filing mounts, printed with full diagrams and plenty of space for patient's complete dental history. 100 per package.

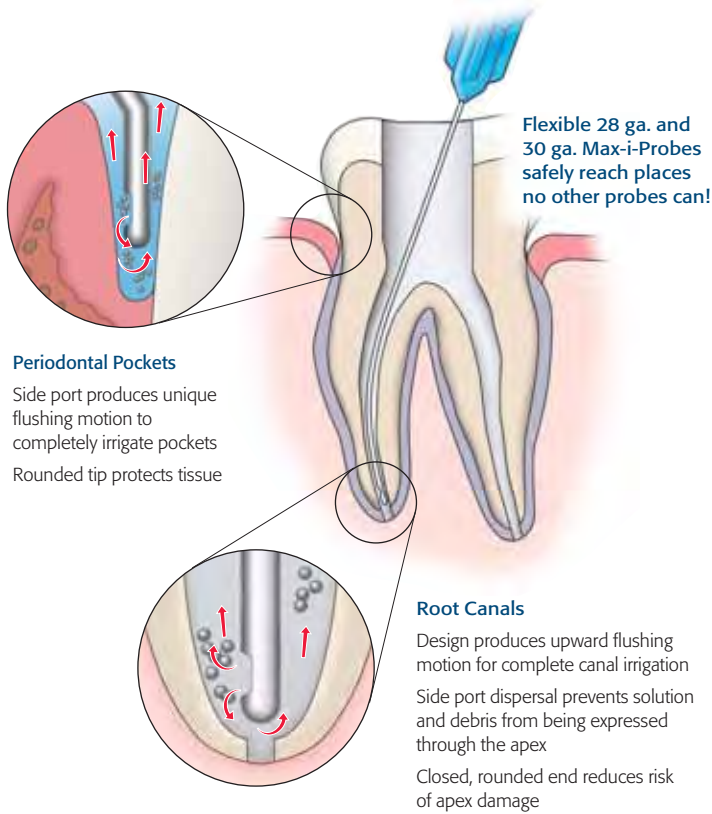
581200 Code #200CE
5.625 x 11.75 (143 x 298)
Open-end sleeve

581258 Code #258CE
5.25 x 8.25 (133 x 210)
Pocket style with full flap



Max-i-Probe®

Endodontic/Periodontal Irrigation Probes



Max-i-Probe offers a unique design for unmatched effectiveness, patient comfort, and safety for irrigating root canals and periodontal pockets.

- Care for patients with this pre-sterilized, closed-end irrigating probe.
- Thoroughly irrigate root canal preparations, including the apical third, with side-port dispersal that creates an upward flushing motion.
- Easily attach and remove the luer lock connector from any disposable syringe.
- Enjoy quick and easy identification of sizes with color-coded hubs and labels.
- Also available in convenient probe + syringe packs – 100 probes plus 100 disposable 3cc syringes.

Confirmed The Best in the *Journal of Endodontics*:

“Although all the needles work with the same principle, the Max-i-Probe removed significantly more bacteria.... This finding is essentially in agreement with a previous study indicating that the unique side vent of these safety-ended needles produces upward turbulence that enhances complete cleaning of root canals.

“Some studies have concluded that the mechanical flushing action is more important than the type of irrigant because nonantimicrobial irrigants increase the efficiency of mechanical debridement in the main pulp canal space through lubrication.”

Journal of Endodontics, Volume 33, Number 6, June 2007

The tip makes the difference.

Generic “closed-end” probe



Others claim a closed tip, but a microscope may reveal a much different story.

Max-i-Probe



The Max-i-Probe tip is welded closed to protect your patient from fluids expressing past the apex.



Available in convenient probe + syringe packs – 100 probes plus 100 disposable 3cc syringes.

	Box of 40 Probes	Box of 100 Probes	100 Probes + 100 Syringes	Description	Color	Outer Diam.	Std. Root Canal Inst.
	MAXP234	MAXP231	MAX231S	23 ga. x 1"	Light Blue	.025"	#70
	MAXP244	MAXP241	MAX241S	24 ga. x 1"	Violet	.022"	#60
	MAXP254	MAXP251	MAX251S	25 ga. x 1"	Orange	.020"	#50
	MAXP284	MAXP281	MAX281S	28 ga. x 1"	Red	.014"	#40
	MAXP304	MAXP301	MAX301S	30 ga. x 1"	Blue	.012"	#30

Soothe-Guard AIR®

LEAD-FREE RADIOGRAPHY APRONS



- Innovative lead-free alloy lining provides protection equal to lead
- Lining offers up to 37% lighter apron than traditional lead lining
- Easier handling for dental professionals
- Environmentally friendly with no special disposal requirements
- Comfortable Soothe-Guard material
- New collar design fits better for less gapping, increased patient comfort
- Sturdy sewn-in hanging loops for easy storage
- Velcro closure keep apron closed securely

**SOOTHE-GUARD AIR
LEAD-FREE**



	Buttercup	Navy	Dove Grey	Light Blue	Tan/Beige	Dusty Mauve
.3MM LEAD EQUIVALENCY						
Adult Apron with Collar	868050	869050	8610050	8611050	8612050	8613050
Adult Apron	868049	869049	8610049	8611049	8612049	8613049
Child Apron with Collar	868047	869047	8610047	8611047	8612047	8613047
Child Apron	868048	869048	8610048	8611048	8612048	8613048
Protective Collar	868051	869051	8610051	8611051	8612051	8613051
Pano-Cape Apron	868053	869053	8610053	8611053	8612053	8613053
Adult Pano-Dual Apron	868054	869054	8610054	8611054	8612054	8613054
Child Pano-Dual Apron	868055	869055	8610055	8611055	8612055	8613055
Technician Apron	868056	869056	8610056	8611056	8612056	8613056
.5MM LEAD EQUIVALENCY						
Adult Apron with Collar	878050	879050				
Child Apron with Collar	878047	879047				
Adult Pano-Dual Apron	878054	879054				

All .5mm lead equivalency aprons are made-to-order (not returnable). 4 to 6 weeks lead time.



Adult & Child Patient Aprons

- Protects from shoulders down
- Child Apron fits children under six years of age

Adult & Child Patient Aprons with Collar

- Covers from thyroid to below gonadal area
- Collar does not bind at the neck; softer on the throat
- Child Apron fits children under six years of age

Protective Collar

- Protects thyroid area
- Useful for intraoral imaging
- Velcro closure secures collar
- Use with Adult and Child collarless aprons

Pano-Cape

- Drapes over shoulders
- Fastens in back with Velcro closure
- Protects shoulders and upper torso, front and back
- One size fits all

Adult & Child Pano-Dual Aprons

- Full-size, two-panel
- Protects front and back from shoulders to gonadal areas
- Right shoulder Velcro closure

Technician Apron

- Extra-long design protects from shoulders to knees
- Ties in back at the neck and waist.

All apron styles, except Pano-Dual, have hanging loops for proper storage

See page 30 for care, use and additional information on Aprons

Soothe-Guard®

LEAD-LINED RADIOGRAPHY APRONS

SOOTHE-GUARD MATERIAL LEAD-LINED

- Unique silky-smooth material on both front and back creates a relaxing and comfortable patient experience
- Smooth draping material with exceptional durability
- Easy to clean – just wipe with damp cloth or disinfectant wipe
- New collar design fits better for less gapping, increased patient comfort
- Sturdy sewn-in hanging loops for easy storage
- Velcro closure keep apron closed securely
- +++++ – *The Dental Advisor*



.3MM LEAD EQUIVALENCY	Buttercup	Navy	Dove Grey	Light Blue	Tan/Beige	Dusty Mauve
Adult Apron with Collar	668050	669050	6610050	6611050	6612050	6613050
Adult Apron	668049	669049	6610049	6611049	6612049	6613049
Child Apron with Collar	668047	669047	6610047	6611047	6612047	6613047
Child Apron	668048	669048	6610048	6611048	6612048	6613048
Protective Collar	668051	669051	6610051	6611051	6612051	6613051
Pano-Cape Apron	668053	669053	6610053	6611053	6612053	6613053

All Soothe-Guard lead-lined aprons are also available in .5mm lead equivalency. To order, substitute prefix 56 for 66. .5mm lead equivalency aprons are made-to-order (not returnable). 4 to 6 weeks lead time.

VINYL MATERIAL LEAD-LINED

Rinn quality in economical vinyl aprons.

- Select from a wide variety of styles, colors and backings to protect your patients and technicians
- Heavy-duty vinyl cleans easily with soap and water
- Available with comfortable corduroy or easy-clean vinyl backing
- Popular Smiley Face and Happy Tooth designs available in Child aprons
- Velcro closure keep apron closed securely



.3MM LEAD EQUIVALENCY	Backing	.3MM LEAD EQUIVALENCY				Smiley Face	Happy Tooth
		Dove Grey	Light Blue	Tan/Beige	Dusty Mauve		
Adult Apron with Collar	Corduroy	660250	661250	662250	663250		
Adult Apron	Corduroy	660249	661249	662249	663249		
Child Apron with Collar	Corduroy Vinyl	660247	661247	662247	663247	664247 664047	665247 665047
Child Apron	Corduroy Vinyl	660248	661248	662248	663248	664248 664448	665248 665448
Protective Collar	Corduroy	660251	661251	662251	663251		
Pano-Cape	Corduroy	660253	661253	662253	663253		
Pano-Dual	Corduroy	660254	661254	662254	663254		
Child Pano-Dual	Vinyl					664055	665055R
Technician Apron	Corduroy	660256	661256	662256	663256		

Light Italic type: Made-to-order (not returnable). 4 to 6 weeks lead time.

All vinyl aprons are also available in .5mm lead equivalency. Substitute prefix 56 for 66.

All .5mm lead equivalency aprons are made-to-order (not returnable).



Apron Hanger

Heavy-duty, white epoxy-coated steel. Mounting hardware is included.

Dimensions: 1.25" high x 14.875" wide x 1.375" deep (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 federal, state and local laws.



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.

- Thin profile utilizes minimum space – 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" viewing area
- Enhance analysis of radiographs with available 2X magnification
- UL and 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)

- 670500 EZ-View Auto Light Flatscreen Viewer, 120v
- 670540 EZ-View Auto Light Flatscreen Viewer with Magnifier, 120v
- 670520 EZ-View Auto Light Flatscreen Viewer, 230v
- 670542 EZ-View Auto Light Flatscreen Viewer with Magnifier, 230v
- 067404 120v US Power Supply
- 067405 230v Euro Power Cord
- 067103 Desk Top Leg
- 067601 Magnifier Assembly
- 005022 Magnifier Lens



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
- 120v models are UL and CSA listed; 220v models are TUV and CE listed

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

- 670400 Universal Viewer, 120v/60Hz/.131A
- 670440 Universal Viewer with Magnifier, 120v/60Hz/.131A
- 670420 Universal Viewer, 230-240v/50Hz/.069A
- 670442 Universal Viewer with Magnifier, (Euro plug) 230-240v/50Hz/.069A
- 670444 Universal Viewer with Magnifier, (Italian plug) 230-240v/50Hz/.069A
- 670425 Universal Viewer, (UK plug) 230-240v/50Hz/.069A
- 670445 Universal Viewer with Magnifier, (UK plug) 230-240v/50Hz/.069A
- 003704 Magnifier Assembly
- 003204 8-watt Replacement Bulb



120v models

230-240v models

Film Duplicators

Quickly and easily duplicate your radiographs – great for referrals and claims!

- Easy to use, easy to read digital controls
- Position films in darkroom with built-in safelight
- Accurate exposure control with "instant-on" ballast and presettable timer
- Exceptionally durable chemical-resistant polyethylene housing
- UL listed



721200 Universal Duplicator (120v 60Hz .18A)

For large format films, including cephalometric sizes
Dimensions: 9 x 16.25 x 13.75" (229 x 413 x 349 mm)
Duplicating area: 10.63 x 13.75" (270 x 349 mm)

721212 Slimline Duplicator (120v 60Hz .18A)

For films up to panoramic size and full mouth surveys
Dimensions: 7.5" x 18.75" x 8.375" (191 x 476 x 213 mm)
Duplicating area: 5.875" x 12.625" (149 x 321mm)

Replacement Parts

- 723201 Safelight (Viewing) Lamp, package of 2
- 723202 Duplicator Fuse with 2 Safelight Lamps
- 003203 8 watt Ultraviolet Duplicating Lamp
- 003148 Starter
- 003861 Pressure Pad for 721212
- 003974 Frosted Diffuser for 721200
- 003975 Platen Glass for 721212
- 003976 Frosted Diffuser for 721212
- 003985 Platen Glass for 721200
- 003994 Pressure Pad for 721200

See page 29 for Film Duplicating instructions and troubleshooting



530102
Chairside Darkroom

530108
Mini-Chairside Darkroom

Chairside Darkrooms

Conveniently process films in the operatory in less than a minute.

- Clearly view films with light-filtering top.
- Easy cleaning with chemical-resistant finish and ergonomic design.
- Accommodate even occlusal film with large 8 oz (240 ml) beakers; lids held open with velcro.

530102 Chairside Darkroom

Includes: Ruby light filter, 4 single-clip film hangers, four 8-oz. beakers with attached snap-on lids, 1 quart each of developer and fixer

Dimensions: 11.875" x 17.25" x 12.25"
(302 x 445 x 311 mm)

530105 Chairside Darkroom – no chemicals

Same as 530102, but without developer or fixer.

Replacement Parts

- 510259 Single-clip film hanger, package of 6
- 530255 8-oz. (240 ml) Beakers, set of 4
- 530261 Sleeve Set, set of 2
- 530263 Ruby Filter, 6½ x 13¼"
- 530262 Amber Filter, 6½ x 13¼"

530108 Chairside Mini-Darkroom

Includes: Ruby Light Filter, 2 single-clip hangers, three 8-oz. beakers with attached snap-on lids

Dimensions: 9.5" x 12.375" x 9.25"
(241 x 314 x 235 mm)

Replacement Parts

- 530255 8-oz. Beakers, set of 4
- 530261 Sleeve Set, set of 2
- 003804 Ruby Filter, 5¾ x 8⅝"
- 003808 Amber Filter, 5¾ x 8⅝"

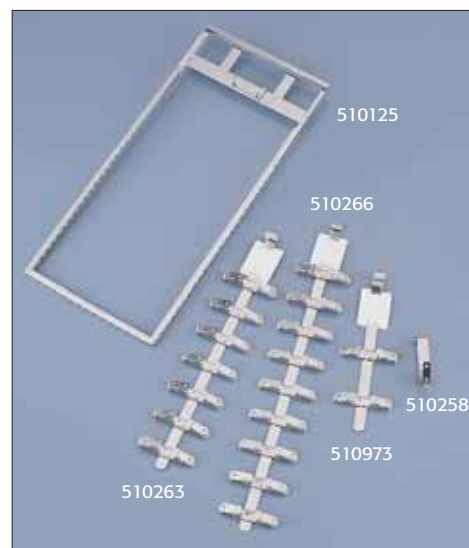
Rapid Process Chemistry

Process x-rays in less than a minute. Available in full cases only.

Quart (32 oz.) Bottles

- 520600R Developer and Fixer – 6 quarts each
- 520602 Developer only – 12 quarts
- 520604 Fixer only – 12 quarts

See page 30 for instructions and helpful hints



Processing Hangers

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

Stock#	Length: Inches (mm)	Capacity
510108	8.12 x 11.75 (206 x 298)	1 8x10" cephalometric
510125	5.12 x 13.75 (130 x 349)	1 5x12" panoramic
510126	6 x 13.56 (152 x 344)	1 6x12" panoramic
510258	2.25 (57)	1 clip (box of 12)
510259	2.25 (57)	1 clip (box of 6)
510598	6.375 (162)	1 clip, long
510972	4.875 (124)	2 clips
510973	6.937 (176)	4 clips
510260	8.969 (228)	6 clips (fits 12 oz. tank)
510261	8.438 (214)	10 clips (fits 12 oz. tank)
510262	10.875 (276)	12 clips (fits 12 oz. tank)
510263	11.125 (283)	14 clips, short (fits 12 oz. tank)
510264	12.438 (316)	14 clips, long
510265	13.813 (351)	16 clips
510266	13.813 (351)	18 clips
510514	15.031 (382)	20 clips (fits 5 gal. tank or 1 gal. tank without lid)
510975	Hanger Identification Tags, 1¾ x 1¼" (pkg. of 12)	

Floating Thermometer

- 20°-100° F, 0°-40° C range
- Quick, accurate temperature reading
- Alcohol-based, mercury-free
- Store in an upright position

570299 Floating Thermometer



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 10second duplicating

Dimensions: 4.625" x 2.75" x 1.625" (117 x 70 x 41 mm)
Duplicating area: 2.0" x 1.25" (51 x 32mm)

721220 Mini-Ray Duplicator



Model MSD
4.75" w x 10.25" d x 8" h



Model LPD
11.5" w x 8" d x 4.5" h



Digital Wig-L-Bug® Mixer/Amalgamator

Mix a variety of encapsulated materials including cements, amalgams, and core build-up materials.

- Accurately read time and speed with modern digital circuitry and controls
- Easily clean and disinfect the membrane keypad
- Dependable investment with sturdy capsule arms
- Reduce noise in the office with safety cover that shields capsules
- Accommodate a variety of capsules with speeds of 3800, 4200, 4600 and 4800 RPM
- UL approved
- ! Wig-L-Bug Mixer/Amalgamators are NOT for grinding or triturating, and should not be used with stainless steel or porcelain vials.

Model MSD Multi Speed Digital
Compact size fits most operatories.

- Fits Fuji capsules
- C020200** Model MSD (110v, 0.5 amps)

Model LPD Low Profile Digital
Fits conveniently into most operatorary drawers.

- ! Model LPD does not accept Fuji capsules, or any capsule with a tail or pouring spout.
- C020100** Model LPD (110v, 1.0 amps)

Replacement Parts

- C030172** Model LPD Safety Cover and Hinge Pins
- C030175** Model MSD Safety Cover
- C030045** Fiber Arm Assembly (LPD and MSD)

Capsules & Pestles for Wig-L-Bugs

- Screw-type capsules for mixing alloys.
- Break-resistant plastic with gasket for security against mercury leakage

- C140005** Screw Type Capsule & Pestle
- C140015** Screw Type Capsule
- C140035** Stainless Steel Ball Pestle

Germicide Tray and Bur Caddy

Disinfection/sterilization tray allows safe use of gluteraldehyde and phenol base disinfectants.

- Non-slip carrying handle on the inner tray folds out of the way
- Reminder dial on locking cover displays expiration date of solution
- Supplied with bur caddy to contain burs and other small instruments during sterilization
- Opaque cover is made of high impact scratch and break resistant plastic
- Built-in lock allows the cover to stay open while filling, yet closes smoothly
- Outer tray specially engineered with two corner pour spouts for convenient, spill-proof emptying
- Inner tray automatically rises when cover is opened, allowing the solution to drain through the perforations



- No-Slide rubber legs add stability but do not stick when lifting

- C230100** Disinfection/Sterilization Tray
- C230110** Instrument Tray Only
- C230120** Bur Caddy Only



Dapaway™ Disposable Dappen Dishes

Most often used for prophylaxis 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 prophylaxis 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

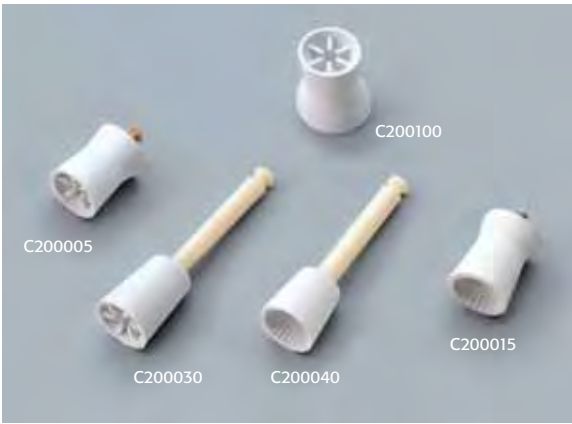


Mouth Props

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)
- C271110** Child Tan
- C271008** Large Adult Black
- C271220** Child Black
- C271009** Black Edentulous
- C271330** Adult Tan
- C271440** Adult Black



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	

Model "A" Articulator

- Anatomical in every respect – reproduce all anatomical movements
- Upper and lower sections may be separated or assembled quickly
- Open construction provides free access to lingual surfaces
- Nickel-plated cast bronze
- Used for partials
- Center spring with adjustable tension.
- Center bar in both upper and lower bow for maximum plaster retention and strength
- Width at the joint of 2", and vertical span when bows are parallel of 2 1/8".



C05000A Model "A" Articulator

Replacement Parts

C060075 Top
C060145 Spring
C060147 Coil Spring Assembly
C060160 Knob
C060172 Adjust Screw and Nut

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
	C100040 Screw Type Black Nylon Pointed
	C100205 RA Black
	C100215 RA Soft Black
	C100210 RA White
	C100237 RA White Nylon
	C100225 RA Black Pointed
	C100240 RA Black Nylon Pointed
	C100242 RA White Nylon Pointed
	C100705 HP Black

Horsehair unless otherwise noted.

Plaster Trap

Eliminates cleaning problems, odors and mess.

- Disposable vinyl liner with built in drain
- Brushed aluminum canister
- 8 Quart capacity
- Officially approved for the City of Los Angeles

C350100 Plaster Trap

Replacement Parts

C350225 Replacement Liners, Case of 6
35.103P Lid
35.101 Canister
C030815 Gasket
C030820 J-Bolt with wingnuts and bolt caps, Package of 4



See page 30 for installation instructions and troubleshooting tips

E-Z Hold Articulating Paper Forceps

Grip articulating paper securely, yet allow easy paper replacement when desired.

- Securely holds any thickness of paper or foil
- Easy paper replacement
- Made of sturdy, recyclable plastic
- Disposable – meet requirements for preventing cross contamination



C090100 E-Z Hold Articulating Paper Forceps, Box of 100

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. Cycle per autoclave manufacturer's instructions. 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.

Steam Autoclave Guidelines

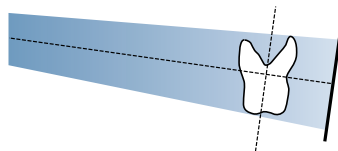
Temperature	Pressure	Time
Unwrapped Items		
121° C (250° F)	15 psi (103.4 kPa)	15 min.
132° C (270° F)	30 psi (206.8 kPa)	3 min.
Lightly Wrapped Items		
121° C (250° F)	15 psi (103.4 kPa)	20 min.
132° C (270° F)	30 psi (206.8 kPa)	8 min.
Heavily Wrapped Items		
121° C (250° F)	15 psi (103.4 kPa)	20 min.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

Note: Follow the above 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)

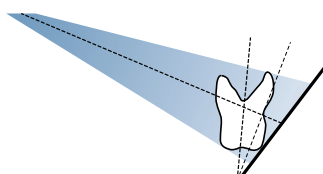
The XCP (Extension Cone Paralleling) technique produces radiographs with minimal distortion and presents the objects being radiographed in their true anatomical relationship and size.



- A long cone, or PID (position indicating device), of 12-16" 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.



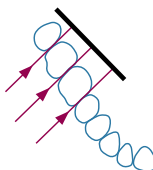
Helpful Hints

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 lead 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 270° F (132° C).
- Do not use ultrasonic cleaners, cold sterilizing solutions or any chemicals before or instead of the steam autoclave process.

Stainless Steel Aiming Arms

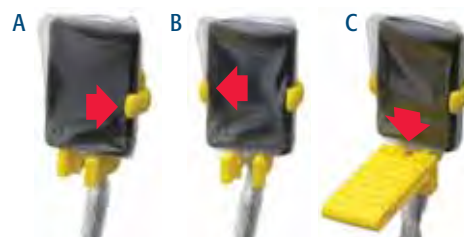
- Always disassemble the arms and block in a straight or parallel motion. Unusual pressure may damage the arm.
- When sterilizing, always disassemble the arm from the block and the ring. Do not bag the arm with the ring or biteblock.

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.



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

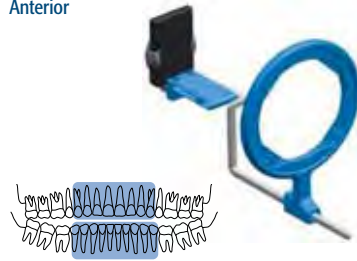
Press the biteblock finger tabs apart [1], then lift the sensor from the biteblock [2].



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.

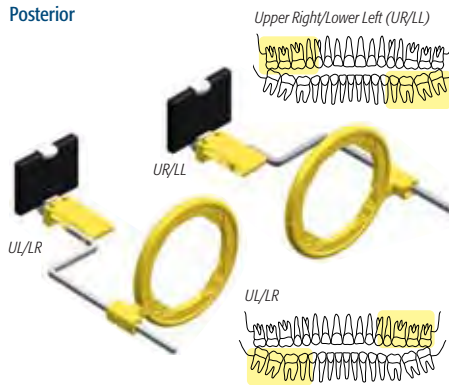
Anterior



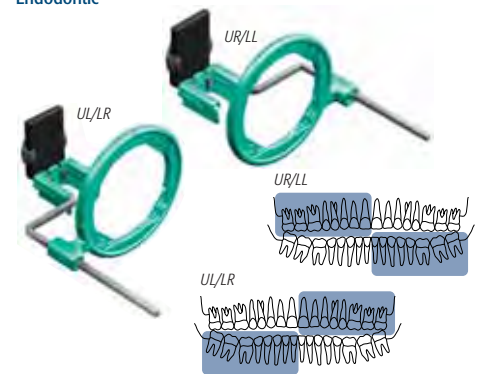
Bitewing



Posterior



Endodontic



Uni-Grip® and Uni-Grip® 360 Universal Disposable Radiography Holders and Uni-GripAR® Positioning System

- 550052 Uni-Grip 360 for Digital Sensors, Package of 50
- 550055 Uni-Grip for Film & Phosphor Plates, Package of 50
- 550100 Uni-GripAR® Arm & Ring
- 550252 Uni-Grip 360 Combo Kit for Digital Sensors
- 550255 Uni-Grip 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. On Uni-Grip for Film, 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. On Uni-Grip 360 for Digital Sensor, the bite-tab can be rotated anywhere.
- 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.

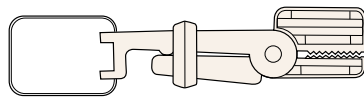
- The Uni-Grip holders are disposable and meant for only one series of full mouth x-rays. The Uni-GripAR positioning system arm and ring are autoclavable to approximately 100 cycles in a steam autoclave.

Snap-A-Ray® Film Holder

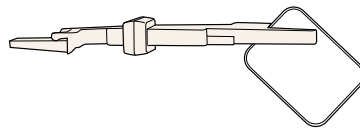
- 540293 Package of 1
- 540200 Package of 3

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.

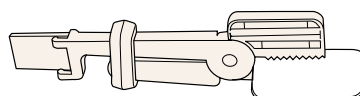
- The Snap-A-Ray film holder can be sterilized in your steam autoclave or chemiclave. Other methods of sterilization are not recommended.



Film Position A: For most anterior radiographs



Film Position B: For lower third-molar region

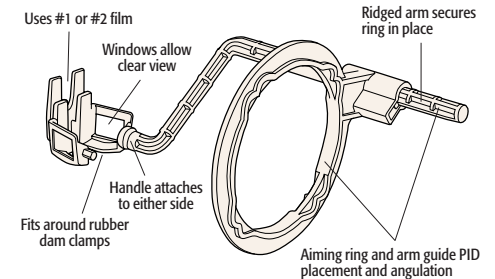


Film Position C: For posterior areas

EndoRay® II Film Holder

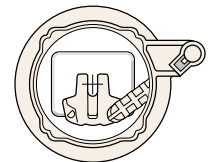
- 540303 Package of 2
- 540307 Package of 4

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:

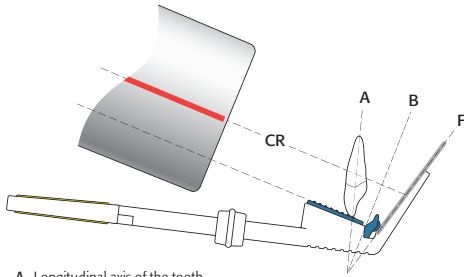
- With film centered in the basket (see illustration), place the assembly over the tooth (with files and clamp) and rest it on adjacent teeth. If you are using a rubber dam, release the top or bottom half from the frame. There is no need to completely remove the rubber dam and frame. The film should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



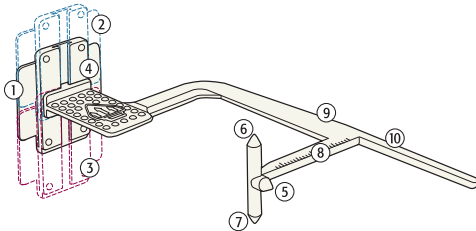
- A Longitudinal axis of the tooth
- B Imaginary bisecting line
- F Film plane
- CR Central X-ray

Uni-Bite™ Film Holder

- 540401 Package of 1
- 540400 Package of 6

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. Film carrier position for upper-right and lower-left radiographs
3. 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 Duplicating

- 721200 Universal Duplicator (110v)
- 721212 Slimline Duplicator (110v)
- 721220 Mini-Ray Duplicator

For a complete listing of replacement parts, see page 23.

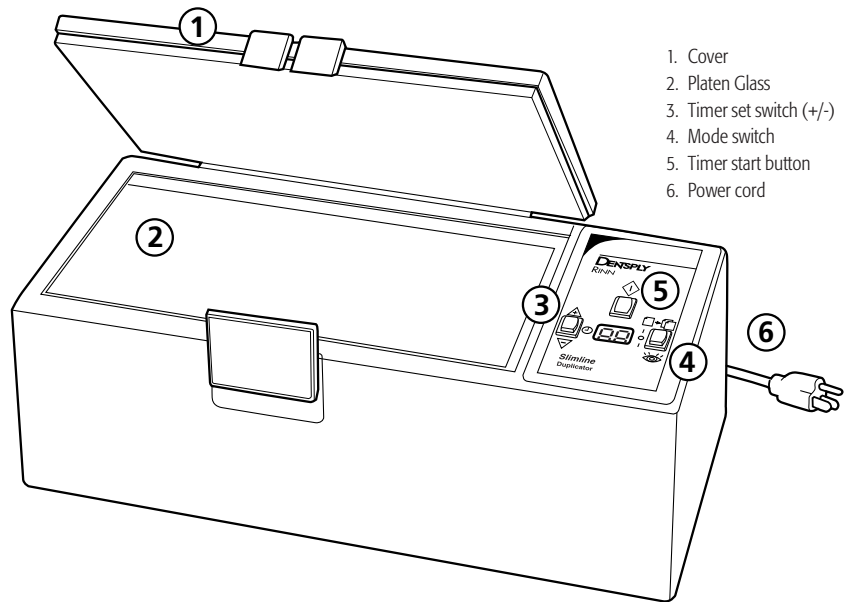
To duplicate a film in your darkroom, using either the Slimline Duplicator or Universal Duplicator, you will need an original film (to be duplicated), unexposed duplicating film, and your Rinn duplicator.

Before first use, the black bulb must be installed.

1. Turn on power.
2. With mode switch on "view", position films to be duplicated on the platen, raised dots facing down.
3. Set the mode switch to "Duplicate".
4. Set the timer to the desired exposure time (2035 seconds recommended).
5. In approved safelight conditions, place duplicating film emulsion side down over the film(s) to be copied.
6. Close cover and latch securely. (Leave cover unlatched when not in use).
7. Press the duplicate start button.
8. When cycle is done, remove the exposed duplicating film and process normally.

Troubleshooting

- Duplicating film is the opposite of regular film in exposure time. If your duplicate is too light, decrease the exposure time. If your duplicate is too dark, increase the exposure time.
- Films that appear hazy could be caused by: expired film, variable developing temperature, insufficient fixation, or inappropriate safelighting.
- Films that appear black could be caused by: an inactive duplicating bulb, starter or timer; using x-ray film instead of duplicating film; placing duplicate accidentally in fixer before developer; or expired duplicating film.
- To replace a bulb in a Slimline or Universal duplicator, the glass platen must first be removed. Then unscrew and remove the white diffuser plate from the body. The bulbs are now accessible – the long, black tube is the UV bulb (part number 3203) and the red Christmas tree-shaped bulb is the safelight for viewing (3201).
- The Mini-Ray Duplicator runs on a 9V Alkaline battery. If your duplicates become inconsistent, replace the battery.
- For a non-functioning unit, call Rinn Customer Service for instructions at 800 323 0970 or 847 742 1140.
- For complete instructions, see the Instruction Manual that accompanies each product.



1. Cover
2. Platen Glass
3. Timer set switch (+/-)
4. Mode switch
5. Timer start button
6. Power cord

Chairside Darkroom

- 530102 Chairside Darkroom
- 530102 Chairside Darkroom for Export (without chemicals)
- 530108 Chairside Mini-Darkroom
- 520600R Rapid Process Developer and Fixer – 6 quarts each
- 520602 Rapid Process Developer only – 12 quarts
- 520604 Rapid Process Fixer only – 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 (530102) or Mini-Darkroom (530108), Rinn Rapid Process Developer and Rinn Rapid Process Fixer, and your film to be developed.

1. Fill the 8 oz. 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

- Rinn Rapid Process 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.
- The Rinn Rapid Process 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-based cleaners.** Store at room temperature. Do not store below 50°F (10°C) or above 100°F (37°C). For storage, hang aprons or lay flat. **Do not fold.** Dispose of in accordance with federal, state and local 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		Weight				SOOTHE-GUARD & VINYL LEAD-LINED			
	inches	millimeters	SOOTHE-GUARD AIR LEAD-FREE		SOOTHE-GUARD & VINYL LEAD-LINED		SOOTHE-GUARD & VINYL LEAD-LINED		SOOTHE-GUARD & VINYL LEAD-LINED	
			.3mm Lead Equiv.	.5mm Lead Equiv.	.3mm Lead Equiv.	.5mm Lead Equiv.	.3mm Lead Equiv.	.5mm Lead Equiv.	.3mm Lead Equiv.	.5mm Lead Equiv.
Adult Patient	23.4 x 25.4	594 x 645	3.80	1.7	—	—	5.75	2.6	8.88	4.0
Adult Patient w/Collar	23.0 x 25.0	584 x 635	4.05	1.8	6.60	2.99	6.50	3.0	9.56	4.4
Child Patient	20.9 x 19.7	531 x 500	2.80	1.3	—	—	3.81	1.7	5.88	2.7
Child Patient w/Collar	20.5 x 19.6	521 x 498	2.70	1.2	4.00	1.81	4.50	2.0	7.06	3.2
Adult PanoDual	23.3 x 26.8	591 x 679	6.75	3.1	10.35	4.69	10.38	4.7	15.12	6.9
Child PanoDual	20.6 x 20.5	524 x 521	4.25	1.9	—	—	10.38	4.7	15.12	6.9
Pano Cape*	24.0 x 11.25	610 x 286	2.60	1.2	—	—	4.25	1.9	6.50	3.0
Technician	23.8 x 36.3	603 x 922	5.25	2.4	—	—	7.69	3.5	12.31	5.6
Protective Collar*	5.3 x 27.0	133 x 686	0.50	0.2	—	—	0.94	0.4	1.31	0.6

All sizes and weights are approximate. Length is measured from the neckline, except (*).

Add box weight of .65 lb. (.3 kg) to determine ship weight of aprons [.3 lb (.14 kg) for collars].

Crescent® Plaster Trap

C350100 Plaster Trap

Installation Instructions

1. Use 1 1/2" piping, either port in/out.
2. Make sure the flat spot on the seam of the liner rests on the lip of the canister. Lightly lubricate the liner where it meets the lid gasket with petroleum jelly.
3. Assemble the trap. Tighten wing nuts by hand. **To avoid damage to canister, do not tighten with pliers or wrench.**
4. Set the trap under the sink, placing it on a small piece of 2x4" board. This board ensures having the proper distance required to drop the canister for cleaning. It also adds support to the plumbing.
5. Plumb from sink to trap to wall drain according to local codes.

Troubleshooting

■ Odors emanating from plaster trap.

The liner needs to be changed. To change the liner: Cut the red hose sticking out of the front of the canister, and drain the excess liquid into an empty coffee can or other receptacle. Remove the 2x4 under the canister to gain the necessary clearance. Then unscrew the 4 J-bolts (by hand only) to lower the canister. Remove the liner. Insert a new liner with red hose coming out of hole in the canister. Pull flaps of liner over canister. Rub petroleum jelly along the rim for a better seal. Tighten J-bolts by hand, and replace the board underneath.

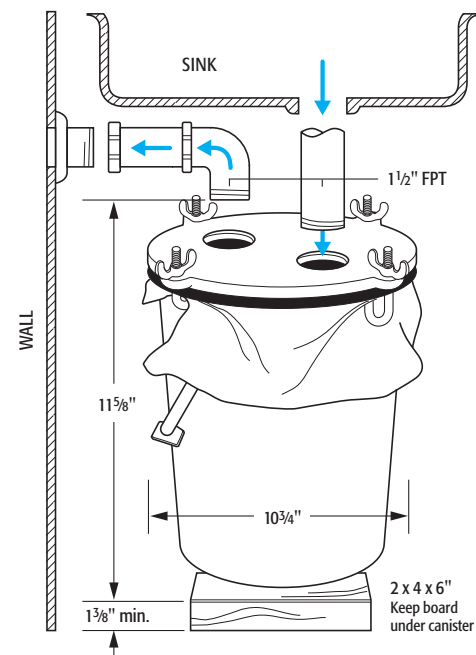
Recommended Replacement: 2-4 months for regular use, 1-2 months for heavy use. If it smells you've waited too long.

■ The bag doesn't fit.

It may not be a Crescent bag. Ours is white vinyl with a red hose. Clear bags are Schein brand and won't fit a Crescent trap. Crescent traps have a round hole; traps with oval holes are not Crescent.

■ Leaking or separating gasket

The gasket is 1/4" thick with adhesive backing. Very seldom does it need to be changed. However, the water in a full bag could loosen the gasket's adhesive. If this happens, the gasket should be replaced when changing the liner. Use replacement gasket C030815.



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