

# STEREOTAXY

## PRODUCT CATALOG



## Pricing

Prices stated in specific written quotations are firm for thirty days from the date given, and are otherwise subject to change without prior notice. Pricing terms stated on written agreements are governed by such agreements.

## Minimum Order Requirements

Minimum order requirement is \$250 (a \$20 handling charge will be added to any order under \$250).

For partial case orders, contact the Customer Service Department for a quotation.

## Ordering Procedure

A written purchase order on the customer's form may be requested for purchases of Integra LifeSciences products.

## Acceptance of Orders

Orders are accepted upon approval by Integra Customer Service.

## Return Policy

- Authorization from customer service must be obtained prior to returning product.
- Sterile product must be returned in unopened, undamaged cartons, packed to prevent damage.

## Integra Warranty for Radionics CRW™ Stereotactic System

### 1. Warranty

Integra NeuroSciences, Inc. ("Integra NeuroSciences") warrants to the original purchaser only that each new Integra NeuroSciences product is free from manufacturing defects in material and workmanship under normal use and service for a period of one year from the date of delivery by Integra NeuroSciences to the first purchaser, but in no event beyond the expiration date stated on any product labeling.

- Surgical instruments are guaranteed to be free from defects in material and workmanship when maintained and cleaned properly and used normally for their intended purpose.
- Any covered product that is placed by Integra NeuroSciences under a lease, rental or installment purchase agreement and that requires repair service during the term of such placement agreement shall be repaired in accordance with the terms of such agreement.

If any covered defect occurs during the warranty period or term of such placement agreement, the purchaser should communicate directly with Integra NeuroSciences' home office. If purchaser seeks to invoke the terms of this warranty, the product must be returned to Integra NeuroSciences at its home office. The defective product should be returned promptly, properly packaged and postage prepaid. Loss or damage in return shipment to Integra NeuroSciences shall be at Customer's risk. Integra NeuroSciences sole responsibility under this warranty shall be repair or replacement, at the sole discretion and expense of Integra NeuroSciences, subject to the terms of this warranty and applicable agreements.

IN NO EVENT SHALL INTEGRA NEUROSCIENCES BE LIABLE FOR ANY INCIDENTAL, INDIRECT, CONSEQUENTIAL OR PUNITIVE DAMAGES IN CONNECTION WITH THE ACQUISITION OR USE OF ANY INTEGRA NEUROSCIENCES PRODUCT. Further, this warranty shall not apply to, and Integra NeuroSciences shall not be responsible for, any loss arising in connection with the purchase or use of any Integra NeuroSciences product that has been repaired by anyone other than an authorized Integra NeuroSciences service representative or altered in any way so as, in Integra NeuroSciences judgment, to affect its stability or reliability, or which has been subject to misuse, negligence or accident, or which has been used otherwise than in accordance with the instructions furnished by INTEGRA NEUROSCIENCES. THIS LIMITED WARRANTY IS EXCLUSIVE AND IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, AND OF ALL OTHER OBLIGATIONS OR LIABILITIES ON THE PART OF INTEGRA NEUROSCIENCES, AND INTEGRA NEUROSCIENCES NEITHER ASSUMES NOR AUTHORIZES ANY REPRESENTATIVE OR OTHER PERSON TO ASSUME FOR IT ANY OTHER LIABILITY IN CONNECTION WITH INTEGRA NEUROSCIENCES PRODUCTS.

- Non-sterile product must be returned in unused saleable condition in original package.
- Custom or special order products will not be accepted for credit.
- Credit will be issued for goods returned prior to ninety days from ship date with a 20% restocking charge. This assumes that the product returned is not damaged and can be verified to have not been used or opened.

## Contact Information

Integra Radionics  
22 Terry Avenue  
Burlington, MA 01803 USA  
www.radionics.com

## Customer Service

Toll-Free: 800.466.6814, option 2 (US and Canada)  
Telephone: 781.272.1233 (International)  
Facsimile: 781.272.2428

## Technical Support

Toll-Free: 888.772.7378 (US and Canada)  
Telephone: 781.272.1233 (International)

# Ordering and Warranty Information

INTEGRA NEUROSCIENCES DISCLAIMS ALL OTHER WARRANTIES, EXPRESS OR IMPLIED INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE OR APPLICATION OR WARRANTY OF QUALITY AS WELL AS ANY EXPRESS OR IMPLIED WARRANTY TO PATIENTS. No warranty or guarantee may be created by any act or statement nor may this Standard Warranty be modified in any way, except as a result of a writing signed by an officer of Integra NeuroSciences. These limitations on the creation or modification of this warranty may not be waived or modified orally or by any conduct.

## 2. Service, Repairs and Replacement

- 2.1. *Service and Repairs.* All service and repairs covered by this Warranty may be referred to hereinafter as "in-warranty repairs," and all service and repairs not covered by this Warranty may be referred to as "out-of-warranty repairs." Customer shall be responsible to pay Integra NeuroSciences' then-standard charges for any out-of-warranty repairs performed by Integra NeuroSciences. Integra NeuroSciences' sole obligation for Equipment defects and failures of performance shall be to make all necessary adjustments and repairs in accordance with this Warranty.
- 2.2. *Equipment Replacement.* The defective Equipment or part thereof that is replaced in accordance with the Warranty shall be the property of Integra NeuroSciences. Integra NeuroSciences reserves the right to fill spare parts requests using refurbished sub-assemblies provided that such sub-assemblies are functionally equivalent to new sub-assemblies and carry the same warranty as the replaced sub-assemblies.
- 2.3. *Notification.* In order to avail itself of its rights under the Warranty, Customer must immediately notify Integra NeuroSciences of any defects and provide Integra NeuroSciences every opportunity to inspect and remedy defects.

## 3. Repair Parts and Services

- 3.1. Included under the Warranty are the following services:
  - 3.1.1. *Modifications to Covered Equipment.* From time to time, at its sole discretion, Integra NeuroSciences may propose modifications to the covered Equipment and to the specifications for the Equipment ("Specifications"). Subject to Customer's approval and at its sole expense, the Customer may request Integra NeuroSciences to make such modifications to the covered Equipment and to the Specifications. Integra NeuroSciences shall make such modifications for the Customer, which modifications may include the installation of new parts in the Equipment, at a price equal to the then-current list price for such modifications, as such list price is established by Integra NeuroSciences in its sole discretion.

## 4. Quality Control

- 4.1. Customer shall maintain reasonable standards of quality control, operations, procedures, safety testing and inspection of Equipment to ensure that unnecessary service or maintenance is not required hereunder.
- 4.2. Customer shall provide a technical counterpart to Integra NeuroSciences' Service Agent for assistance in Integra NeuroSciences' telephonic diagnosis of the malfunction with the Equipment. Customer shall reasonably accept Integra NeuroSciences' determination whether a repair or service is an in-warranty repair or an out-of-warranty repair.

## 5. Limitation of Liability

- 5.1. THE WARRANTIES DESCRIBED IN SECTION 1 HEREOF ARE EXCLUSIVE AND ARE GIVEN AND ACCEPTED IN LIEU OF ALL OTHER WARRANTIES OF INTEGRA NEUROSCIENCES OR ITS SERVICE AGENTS WITH RESPECT TO THE QUALITY, PERFORMANCE AND OPERATION OF THE EQUIPMENT, WRITTEN OR ORAL, EXPRESSED OR IMPLIED, AND WHETHER OR NOT ATTRIBUTABLE TO SERVICE PERFORMED PURSUANT TO THE WARRANTY. ALL OTHER REPRESENTATIONS OR WARRANTIES OF INTEGRA NEUROSCIENCES OR ITS REPRESENTATIVES, EXPRESS OR IMPLIED, WITH RESPECT TO THE EQUIPMENT OR THE SERVICES, DISAGNOSES, ADVICE, ASSISTANCE OR PARTS TO BE TENDERED PURSUANT TO THE WARRANTY, INCLUDING, WITHOUT LIMITATION, THOSE OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE HEREBY EXPRESSLY DISCLAIMED. IN NO EVENT SHALL INTEGRA NEUROSCIENCES, ITS AFFILIATES, ASSIGNEES OR SERVICE AGENTS BE LIABLE FOR LOSS OF USE, REVENUE OR PROFIT OR ANY OTHER DIRECT, INDIRECT, INCIDENTAL, EXEMPLARY, CONSEQUENTIAL, SPECIAL OR OTHER DAMAGES, WHETHER ARISING IN CONTRACT OR IN TORT, BY VIRTUE OF THE WARRANTY OR ANY PERFORMANCE OR BREACH BY INTEGRA NEUROSCIENCES, ITS AFFILIATES, ASSIGNEES OR SERVICE AGENTS HEREUNDER OR PURSUANT HERETO IN EXCESS OF THE AMOUNTS PAID BY CUSTOMER TO INTEGRA NEUROSCIENCES DURING THE WARRANTY PERIOD.
- 5.2. Customer agrees that, notwithstanding the technical assistance provided pursuant to the Warranty by Integra NeuroSciences or its representatives, Customer shall be fully responsible for all treatments performed or attempted with the Equipment. INTEGRA NEUROSCIENCES MAKES NO REPRESENTATION OR WARRANTY AS TO THE EFFICACY OF THE EQUIPMENT OR OF THE TECHNICAL ASSISTANCE TO BE RENDERED BY INTEGRA NEUROSCIENCES, ITS AFFILIATES, ASSIGNEES OR SERVICE AGENTS, FOR PURPOSES OF THE PARTICULAR TREATMENT THAT CUSTOMER UNDERTAKES TO PERFORM FOR THIRD PARTIES. Moreover, Customer shall not make any claim against Integra NeuroSciences or any of its affiliates, assignees or representatives with respect to the efficacy of the Equipment or of said technical assistance or with respect to any claims by third parties related to any treatment undertaken by Customer.
- 5.3. *Force Majeure.* Notwithstanding anything to the contrary herein contained, if the performance of the Warranty by Integra NeuroSciences or Customer or any obligation of Integra NeuroSciences or Customer hereunder is prevented, restricted or interfered with by reason of fire, explosion, act of God, labor disputes or accidents affecting performance under the Warranty, or war, mobilization, civil commotions, blockade or embargo, or any future law, regulation, ordinance or requirement of any government or regulatory agency or any other act, whatsoever similar to those above enumerated, or any other circumstance being beyond the reasonable control of Integra NeuroSciences or Customer, then and in that event Integra NeuroSciences or Customer, as the case may be, shall promptly notify the other party hereto of the resulting difficulties therefrom, and any of the foregoing events shall excuse any performance required under the Warranty.



Since 1938, Radionics™ has been delivering trusted products that have been engineered for accuracy. The Radionics™ name is truly synonymous with Trusted Accuracy. Our technologies, products, and employees embody this principle. Fundamentally, this means that we commit ourselves to developing precise, reliable and safe products for our customers. From the sub-millimeter accuracy of the Radionics™ CRW™ stereotactic system to the consistency checks within XKnife™ Radiosurgery software, Radionics™ designs its products to deliver the highest accuracy and provides the quality assurance tools, training, and service to ensure reliability and safety. Customers and patients alike have come to trust the accuracy of Radionics™ products everyday around the world.

On March 5th, 2006 Integra LifeSciences acquired the assets of the Radionics™ Division of Tyco Healthcare Group LP. This acquisition will allow Radionics™ and its products to continue to grow and to epitomize Trusted Accuracy.

The Radionics™ CRW™ (Cosman-Roberts-Wells) stereotactic system and Radionics™ advanced surgical planning software represent the ultimate in safety and accuracy for frame-based stereotaxy. Numerous features make the Radionics™ CRW™ ideal for surgical applications such as brain tumor biopsies and Deep Brain Stimulator (DBS) implantation for movement disorders. The Radionics™ CRW™ stereotactic system maintains unparalleled rigidity regardless of patient movement during the most demanding functional procedures. The rugged design of the Radionics™ CRW™ is constructed of high tensile strength aircraft grade aluminum enabling it to support heavy accessories such as a microelectrode drive without flexing. All coordinate settings are set with vernier scales and secured with double-lock titanium screws. The Radionics™ CRW™ Phantom Base provides invaluable independent target verification and quality assurance. In addition, the capability to completely cover the head ring with a single sterile drape ensures an unbroken sterile field even with arc setting and orientation modifications.

Two software options are seamlessly integrated with the Radionics™ CRW™ instrumentation. StereoCalc™ is a simple software solution for target and trajectory coordinates, eliminating the need for CT/MR clamping and manual coordinate calculations. ImageFusion™, NeuroSight™ Arc, and AtlasPlan™ target planning software combine with the Radionics™ CRW™ to create the most comprehensive system available for treating patients with movement disorders. This catalog is designed to facilitate the ordering process of Radionics™ CRW™ components, accessories, and software. You may look forward to additional product guides and notifications from Radionics™ as we develop new products to complement the Radionics™ CRW™ stereotactic system and advance the state of neurosurgery.

Integra Radionics  
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Burlington, MA 01803 USA  
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Toll-Free: 888.772.7378 (US and Canada)  
Telephone: 781.272.1233 (International)

E-mail: [service@radionics.com](mailto:service@radionics.com) (Technical Support)

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NS1757-01/08

## Radionics™ CRW™ Stereotactic Surgical Products

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Latex Free

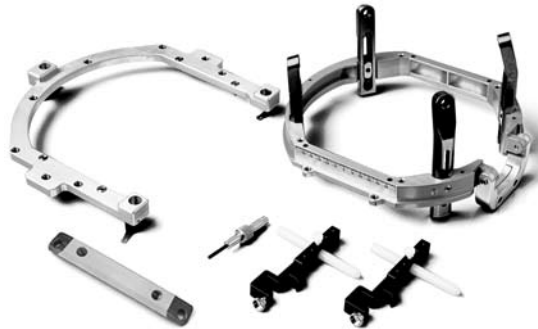
*All Radionics™ products are Latex Free.  
Products depicted: Rx Only*



## Radionics™ CRW™ Stereotactic Surgical Products

### Head Rings and Accessories

#### UCHRA



#### Universal Compact Head Ring

CT and MR scanner compatible; for use with BRWLF and LL01

##### Includes

Universal Head Ring

Adapter Plate

2 Anterior and 2 Posterior Head Posts

Cross Bar

Cross Bar Screws

Ear Bar Assembly

2 Head Ring Wrenches

Cleaning Tap

Sterilization Case

User's Manual

#### UCHR



#### Universal Compact Head Ring Sub Assembly

#### UCHRAP



#### Arc Adapter Plate

The Adapter Plate allows attachment of the BRWLF and CRWASL to the UCHR

#### UCHRCASE



#### Storage and Sterilization Case

Only compatible with the UCHRA

## Radionics™ CRW™ Stereotactic Surgical Products

### Head Rings and Accessories

#### UCHRP



#### Post and Cross Bar Kit

##### Includes

1 Cross Bar—Allows alternative positioning of head ring screws

2 Anterior/2 Posterior Posts

2 Cross Bar Screws

##### Available Separately

UCHRCB1—Head Ring Cross Bar

UCHRPA—1 Anterior Post (short)

UCHRPP—1 Posterior Post (long)

UCHRCBS—Head Ring Cross Bar Attachment Screw

#### UCHREBA



#### Universal Compact Head Ring Ear Bar Kit

##### Includes (2 each)

Head Ring Supports

Ear Posts

#### HRW



#### Head Ring Wrench

A universal wrench used on many of the screws found in the Radionics CRW™ System including the Head Ring drives, posts, and screws.

#### UCHRHK

#### Universal Compact Head Ring Hardware Kit

##### Includes

Adapter Plate Attachment Screws (4)

Intubation Hoop Attachment Screws (2)

Head Post Attachment Screws (4)

Head Post Wedges (4)

Ear Bar Assembly Attachment Screws (2)

Ear Bar Assembly Nylon Thumb Screws (2)

## Radionics™ CRW™ Stereotactic Surgical Products

### Head Rings and Accessories

#### HRAIM



#### Intubation Head Ring Assembly

CT scanner compatible; for use with BRWLF

##### Includes

Intubation Head Ring

4 Head Ring Drives

4 Head Ring Posts

Head Ring Wrench

Cleaning Tap

Head Ring Positioner

2 Conical Sliding T-bolt Screws

#### HRD



#### Head Ring Drive

#### HRDXS



#### Head Ring Drive Extender/ Shortener

Lengthens or Shortens the working length of the Head Ring Posts to allow treatment of low tumors or a wide range of head sizes.

#### HRP



#### Head Ring Post

Only compatible with the HRAIM

#### TAP



#### Cleaning Tap for HRP

(Not for use with Aluminum Posts)



## Radionics™ CRW™ Stereotactic Surgical Products

### Head Rings and Accessories

#### HRKTP

#### Head Ring Postioner



**Includes (1 each)**

Postioner Ring (not sold separately)

Velcro Strap ( Also available in boxes of 5, use part no. GTCSVS)

#### CSS

#### Conical T-bolt Screw



**Includes**

CSS (1 short) – Used to attach the HRAIM and UCHRA Head Rings to the clamping plate and Mayfield adapter

#### HREBA

#### Intubation Head Ring Ear Bar Kit



**Includes (2 each)**

Head Ring supports

Ear Posts

#### HRIMS

#### Head Ring Sector



Converts the assembly to the closed ring configuration

#### HRIMTS

#### T Handle Screw

For Intubation Hoop

## Radionics™ CRW™ Stereotactic Surgical Products

### Imaging Localizers

#### BRWLF

#### CT Localizer Frame



The BRWLF is the standard in CT image localization for stereotactic procedures, requiring no clamping or scanner alignment when used with StereoCalc™ or NeuroSight™ Arc software for target calculations.

#### LL01

#### Luminant™ MR/ CT Localizer Frame



The Luminant™ MR/CT localizer represents the most advanced stereotactic localizer ever designed. The open and lightweight Luminant™ MR/CT localizer offers many improvements over previous localizers including no fiducial rod filing, fast and easy attachment to UCHRA, and clear and distinct rod imaging in many MR scan formats. Target calculations can be obtained manually using a clamping plate or independently (without a clamping plate) using StereoCalc™ or NeuroSight™ Arc targeting software.

LL01 - Luminant™ MR/CT localizer with shipping and storage case

LL02 - Shipping and storage case

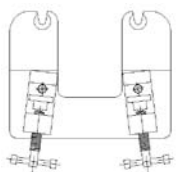
## Radionics™ CRW™ Stereotactic Surgical Products

### CT Clamping Plates

- used with Conical Sliding T-bolt Screws, Head ring and Designated Couch  
To facilitate selection of the appropriate clamping plate, please provide a picture of the couch mount to customer support or your sales representative.

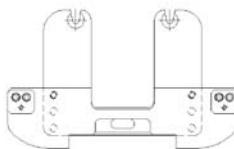
#### CTCPP

Philips



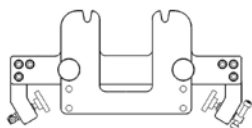
#### CTPGP

GE Pace



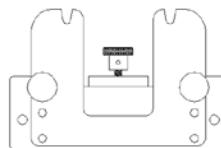
#### CTCPAURA

Philips Aura



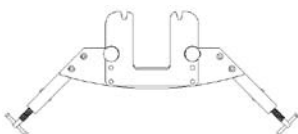
#### CTCPGEMF

GE Medalist



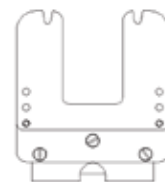
#### CTCPP2

Picker PQ2000/ PQ5001



#### CTCPE

Elscent



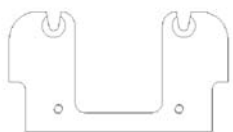
#### CTVC

Med Tec Flat Couch Top



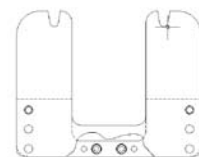
#### CTCPPI

Picker 1200SX



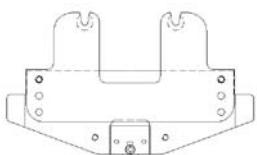
#### CTCPS

Siemens



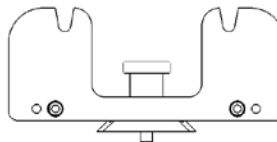
#### CTCPSH

Shimadzu



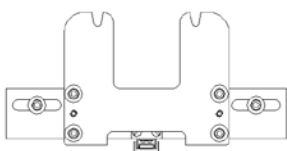
#### CTCPTO

Toshiba



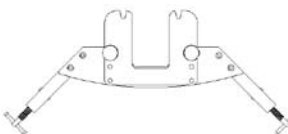
#### CTCPG9800

GE 9800 Adjustable



#### CTCPM

MedTec



## Radionics™ CRW™ Stereotactic Surgical Products

### Radionics™ CRW™ Arc

#### CRWASL Radionics™ CRW™ Lightweight Arc System



#### Includes

CRWLA—Lightweight Arc (not sold separately)

CRWASLPH—Probe Holder (not sold separately)

CRWASGB—Guide Block

KDG—Keller Depth Gauge

SR—Stainless Steel Ruler

SWTS—Arc System Wrench

CRWCASE—Storage and Sterilization Case

CRWMA—Mayfield Adapter

DA27—Drill Assembly, 2.7mm

GT27116—Guide Tube, 2.7mm I.D. x 116mm length

GT2776—Guide Tube, 2.7mm I.D. x 76mm length

RB27—Reducing Bushing, 2.7mm I.D.

RTNBND76—NBND I.D. x 76mm

CSS (2)

User's Manual (2)

### Radionics™ CRW™ System Accessories and Components

#### CRWCASE Storage and Sterilization Case



#### CRWASGB Guide Block



#### KDG Keller Depth Gauge



#### SR Stainless Steel Ruler



#### SWTS Arc System Wrench



*The SWTS is used to remove both the anterior section of the Radionics™ CRW™ base plate and the HRAIM intubation hoop*

#### Mayfield™ Adapters



*Enables clamping of the HRAIM and the UCHRA to the standard Mayfield head-rest.*

CRWMA - Long vertical extension arms allow anterior/posterior positioning of the Radionics CRW™ Arc on the base plate. This alternative set-up makes very low lateral surgical approaches effortless.

CRWFMA - Positions the patient lower on the OR table when additional support is needed.

## Radionics™ CRW™ Stereotactic Surgical Products

### Radionics™ CRW™ System Accessories and Components

#### Guide Tubes



GT2776—2.7mm I.D. x 76mm length

GT27116—2.7mm I.D. x 116mm length

GT27160—2.7mm I.D. x 160mm length

GT3276—3.2mm I.D. x 76mm length

GT32116—3.2mm I.D. x 116mm length

GT32160—3.2mm I.D. x 160mm length

GT46116\*—4.6mm I.D. x 116mm total length\*\*

\*no reducing tube or bushing required

\*\*working length is 111mm

*Guide Tubes with 2.7mm I.D. must be used with RB27 or any of the Reducing Tubes listed below. Guide Tubes with a 3.2mm I.D. are used with RB32 and are not compatible with Reducing Tubes.*

#### Reducing Bushings



RB27—2.7mm I.D.

RB32—3.2mm I.D.

*Reducing Bushings are compatible with Guide Tubes of matching I.D. and commonly used with Drill Assemblies.*

#### CRWHK

#### Radionics CRW™ Arc Hardware Kit

##### Includes

Trunion Ring Knob (2)

Probe Holder Screw (1)

Lateral Slide Lock Screw (2)

Slide Plate Screw (2)

Trunion Slide Screw (4)

Trunion Ring Screw (2)

Lateral Slide Lock (1)

Anterior Sector Screw (2)

#### Reducing Tubes



RT1176—1.1mm I.D. x 76mm length

RT11116—1.1mm I.D. x 116mm length

RT1676—1.6mm I.D. x 76mm length

RT16116—1.6mm I.D. x 116mm length

RT1876—1.8mm I.D. x 76mm length

RT18116—1.8mm I.D. x 116mm length

RT2076—2.0mm I.D. x 76mm length

RT20116—2.0mm I.D. x 116mm length

RT20160—2.0mm I.D. x 160mm length

RT2176—2.1mm I.D. x 76mm length

RT21116—2.1mm I.D. x 116mm length

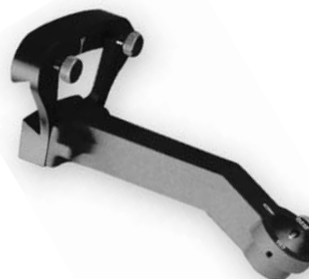
RTNBND76—NBND I.D. x 76mm length

RTNBND116—NBND I.D. x 116mm length

RTNBND160—NBND I.D. x 160mm length

*Reducing Tubes are compatible with Guide Tubes with 2.7mm I.D. and matching length. Reducing Tubes are commonly used with needles and electrodes.*

#### CRWMCPH30 30 Degree Offset Probe Holder



*Provides maximum access to the surgical site by shifting the CRWASL lateral arc while maintaining trajectory and target setting.*

## Radionics™ CRW™ Stereotactic Surgical Products

### Quality Assurance Components

#### CRWPBS

Phantom Base System



##### Includes

RLPP—Rectilinear Phantom Base

CRWASP—Arc System Pointer

RLPPSP—Sterile Pointer

RLPPVS—Vertical Slide Assembly

#### RLPPSP

Sterile Pointer - for Phantom Base System



#### RLPPVS

Vertical Slide Assembly



#### CRWASP

Radionics™ CRW™ Arc System Pointer for use with Phantom Base System

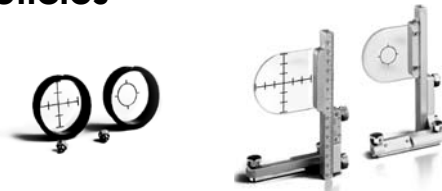


#### Reticles

CRWTBSS—Lateral Trunions

CRWAPBS—Anterior/Posterior Trunions

*Reticles sets are used with intraoperative x-ray to visually confirm electrode placement at target during functional procedure*



#### CRWPBSHK

Phantom Base Hardware Kit

##### Includes

Sphere Hole thumb screws (2)

Thumb Knobs 10–32 x 1/2" (2)

LTLF T-Side sub assembly (1)

AP / Vert locking screws

Screw and Cap 1/4" (1 each)



## Radionics™ CRW™ Stereotactic Surgical Products

### Single Use Only Sterile Devices

#### Apuzzo Stereotactic Drape



Sterile draping is easy with the Radionics™ CRW™ System and the Apuzzo Stereotactic Drape. Both Radionics™ Head Rings operate independently from the Radionics™ CRW™ Arc and can be fully sterile draped after scanning. The large Apuzzo Stereotactic Drape has three small circular cutouts positioned to allow clean attachment of the Arc to the draped Head Ring. The drape also has a sticky pad to be applied at the surgical site

ASD1—Sterile Drape

ASD1B—Box of 10 Sterile Drapes

*The Apuzzo Stereotactic Drape allows the Radionics™ CRW™ user to drape the head ring independently of the Arc and maintain sterility throughout the stereotactic procedure*

#### Disposable Head Ring Screws

MR/CT Compatible



These single-use Head Ring Screws are compatible with both Radionics™ Head Rings; the Intubation Head Ring for CT scanning and the Universal Compact Head Ring for both CT and MR scanning. Rigid inner aluminum pins provide secure purchase to the patient's skull. They are available in two sizes, long and short

DHRSL5: 48 mm / Box of Long Screws 5 packs / 2 Screws per pack

DHRSS5: 34 mm / Box of Short Screws 5 packs / 2 Screws per pack

#### CRWBP



#### CRW™ BiopsyPlus Kit

##### Includes

Nashold Biopsy Needle with depth and target markings (1)

Long biopsy bushing (90mm)

Short biopsy bushing (60mm)

Nylon thumbscrew for securing the bushing into the CRW™ guide block (2)

12" Aspiration line

#### NBND

#### NBND5



#### Nashold Biopsy Needle, Disposable

#### Nashold Biopsy Needle, Disposable (Box of 5)

Radionics™ Nashold Biopsy Needles are individually sterile packaged and are available in a box of 5.

249mm Needle Length

2.0mm O.D.

10mm Side Cutting Window

Compatible with:

RTNBND76 & GT2776

RTNBND116 & GT27116

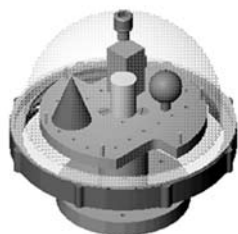
RTNBND160 & GT27160

## Radionics™ CRW™ Stereotactic Surgical Products

### Geometric Phantom

For CT and MR Scanner Validation

#### GEOSYS



*Geometric Phantoms provide a full independent check that head rings, localizers, CT or MRI scan images, and planning software all deliver accurate volumetric target localization.*

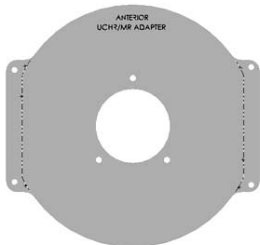
#### GEOWRWA

#### HRAIM Adapter Plate



#### GEOWCHRA

#### UCHR Adapter Plate



#### GEOPH1

#### Geometric Phantom with HRAIM Adapter

##### Includes

GEOSYS

GEOWRWA

#### GEOPH3

#### Geometric Phantom with UCHR Adapter

##### Includes

GEOSYS

GEOWCHRA

## Radionics™ CRW™ Stereotactic Surgical Products

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### Instrument Drive System

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#### CRWPMDD

#### Digital Probe MicroDrive



#### Includes

Digital Probe MicroDrive

CRWPMDB20—2.0mm Bushing

CRWPMDB25—2.5mm Bushing

CRWPMDB30—3.0mm Bushing

PMDCASE—Sterilization Case

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#### CRWMS

#### Probe Micro-Slide



#### Includes

Probe Micro-Slide

CRWPMDB20—2.0mm Bushing

CRWPMDB25—2.5mm Bushing

CRWPMDB30—3.0mm Bushing

## Radionics™ CRW™ Stereotactic Surgical Products

### Drill and Kits

#### Drill Assemblies



- DA27—2.7mm Drill Assembly with Depth Stop, Guide Tube, Hex Wrench
- DA27D—2.7mm Drill Assembly with Hex Wrench
- DA32—3.2mm Drill Assembly with Depth Stop, Guide Tube, Hex Wrench
- DA32D—3.2mm Drill Assembly with Hex Wrench
- DA46—4.6mm Drill Assembly with Depth Stop, Guide Tube, Hex Wrench
- DA46D—4.6mm Drill Assembly with Hex Wrench
- DA63—6.3mm Drill Assembly with Depth Stop, Guide Sleeve, Guide Block and Hex Wrench
- DA63D—6.3mm Drill Assembly with Hex Wrench

#### Drill Depth Stops

- DADS27—Drill Depth Stop for DA27
- DADS32—Drill Depth Stop for DA32
- DADS46—Drill Depth Stop for DA46
- DADS63—Drill Depth Stop for DA63

#### SDK



#### Salcman Drill Kit

##### Includes

- DA63GB—Guide Block
- DA63GS—Guide Sleeve
- GT27116—Guide Tube, 2.7mm
- GT32116—Guide Tube, 3.2mm
- GT46116—Guide Tube, 4.6mm
- RB27—Reducing Bushing, 2.7mm
- RB32—Reducing Bushing, 3.2mm
- SD20—Salcman Drill, 2.0mm
- SD27—Salcman Drill, 2.7mm
- SD32—Salcman Drill, 3.2mm
- SD46—Salcman Drill, 4.6mm
- SD63—Salcman Drill, 6.3mm (Salcman Drills Include Depth Stop)
- SDD—Salcman Drill Driver
- SDKCASE - Case

#### SDD



#### Salcman Drill Driver

#### DA63GB



#### Guide Block

*For use with SD63 and DA63GS*

#### DAG3GS



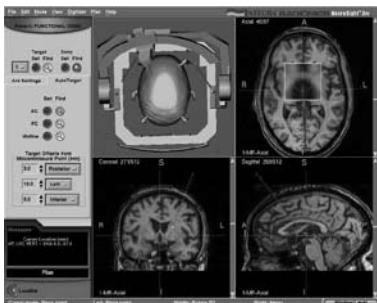
#### Guide Sleeve

*For use with SD63 and DA63GB*

## Radionics™ CRW™ Stereotactic Surgical Products

### Stereotactic Planning Software

#### ST1000



#### NeuroSight™ Arc Software (Laptop)

*NeuroSight™ Arc Trajectory Planning Software reconstructs and displays multiple image sets for accurate 3D targeting and trajectory planning for functional neurosurgery, tumor biopsy, and any procedure requiring precise stereotactic planning. NeuroSight™ Arc software features autotargeting, midline correction, and preplanning on non-localized images.*

Also available:

ST2000—Module to OmniSight Excel

ST3000—Desktop computer with 20" flat panel desktop, keyboard, mouse

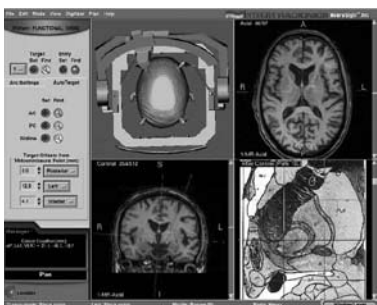
#### IF3000



#### ImageFusion™ Software

*ImageFusion™ software correlates multiple image modalities including CT and a range of MR image types for the highest accuracy available.*

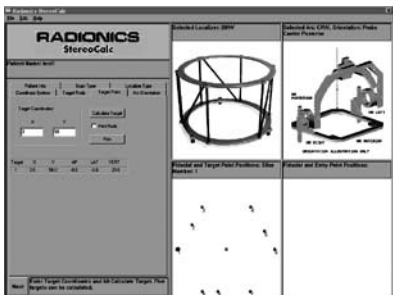
#### ATLASSW



#### AtlasPlan™ Software

*AtlasPlan™ software is dynamically linked to NeuroSight™ Arc and provides target confirmation using anatomic detail from a trusted source.*

#### SCSWCD



#### StereoCalc™ Software (CD-ROM)

*StereoCalc™ software is a unique, straightforward target planning software that eliminates the need for manual target coordinate calculations.*

Also available:

HPPCI—StereoCalc™ on a laptop computer

## Training

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### User's Manuals

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### User's Manuals

15960003 Radionics CRW™ System

60901036 NeuroSight™ Arc Software

72901270 ImageFusion™ Software

60901043 AtlasPlan™ Software

60901113 StereoCalc™ Software



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Integra LifeSciences Corporation  
311 Enterprise Drive  
Plainsboro, NJ 08536  
[www.Integra-LS.com](http://www.Integra-LS.com)

USA and Canada  
800-654-2873  
609-275-0500 (Outside USA)  
609-275-5363 (Fax)

England  
+44 (0) 1264 345 700  
+44 (0) 1264 332 113 (Fax)

France  
+33 (0) 493 95 56 00  
+33 (0) 493 95 56 60 (Fax)

Germany  
0800 10 10 755  
06995 775 477 (Fax)