



# Hyfrecator® Product Catalog



**ELECTROLASE®**  
SHARP TIP



**HYFRECATOR®**  
PENCIL SHEATH



**GENERAL PURPOSE**  
ELECTRODE



**FINE NEEDLE**  
ELECTRODE



To learn more about  
these innovative  
products, visit  
[Conmed.com](http://Conmed.com)

## Hyfrecator® 2000 & Accessories

### What makes the Hyfrecator® 2000 different?

- Precisely Controlled Power Output — Improves clinical outcomes
- Dual Microprocessing Technology — Continuously monitors the system for reliability and patient safety

### Hyfrecator® 2000 ESU (International Units Available)

	Ref. #
Hyfrecator® 2000 115v, Includes power cord .....	7-900-115
Hyfrecator® 2000 100v, Includes power cord.....	7-900-100
Hyfrecator® 2000 220v, Power cord sold separately. ....	7-900-220
Hyfrecator® 2000 230-240v, Power cord sold separately.....	7-900-230

IEC 320 Power Cord Set, European .....	60-5108-001
IEC 320 Power Cord Set, British .....	60-5108-002
IEC 320 Power Cord Set, Italian .....	60-5108-003
IEC 320 Power Cord Set, US.....	62-5773-001

### Service Options

ConMed services only Hyfrecator® 2000 units. Please call ConMed Technical Services:

US Telephone: (800) 552-0138 Option #3;  
 International Telephone: +1 (303) 699-7600, Option 3  
 E-mail: [estechservices@conmed.com](mailto:estechservices@conmed.com)





## Training Tools

Ref. #

Video — “Hyfrecator® 2000 Inservice”  
 - Provides setup instructions and other helpful tips for using the Hyfrecator®  
 ..... 7-900-25-CD

Video — “Common Dermatologic Procedures”  
 - Step-by-step instructions are provided by a noted physician for the removal of spider veins, moles, warts, skin tags, seborrheic keratoses, and skin cancers. (Approximate running time is 15 minutes).  
 ..... 7-900-21-CD

Hyfrecator® 2000 Operator's Manual  
 - Available in English, Spanish, French, Chinese, German, Dutch, Japanese, Swedish, Italian, Portuguese.  
 - Includes safety precautions, terminology for systems and procedural configurations, applications, maintenance, optional accessories, specifications and performance graphs.

- English ..... 7-900-OM-ENG
- Spanish ..... 7-900-OM-SPN
- French ..... 7-900-OM-FRE
- Chinese ..... 7-900-OM-CHN
- German ..... 7-900-OM-GER
- Dutch ..... 7-900-OM-DUT
- Japanese ..... 7-900-OM-JPN
- Swedish ..... 7-900-OM-SWE
- Italian ..... 7-900-OM-ITN
- Portuguese ..... 7-900-OM-POR

Hyfrecator® 2000 Service Manual ..... 7-900-SM-ENG  
 - Available in English.  
 - Guides the qualified biomedical electronics technician through all aspects of preventative maintenance and repairs necessary to keep the Hyfrecator® up to original factory specifications.

## Mobile/Mounting Accessories

Telescoping Mobile Hyfrecator® Stand ..... 7-900-1  
 - Gray, five-legged pedestal stand that can be adjusted from 2-4ft.  
 - Wall mount brackets are pre-installed.  
 - For all Hyfrecator® models.

Wall Mount Kit ..... 7-796-20

## Pencils/Handpieces — One-Year Warranty

	Ref. #
Autoclavable, Reusable Hand Control Pencil ..... 10ft. (3.0m) cord included. Fits Hyfrecator® 2000 only. Included with unit.	7-900-5
Autoclavable, Reusable Foot Control Pencil..... Autoclavable foot-switch activated pencil with 10ft. (3.0m) cord. Fits all Hyfrecator Models. Requires footswitch. See below.	7-900-6



## Foot Switch and Patient Plate

Foot Switch ..... 10ft. (3.0m) cord included. For use with Hyfrecator® 2000.	7-900-4
Foot Switch ..... 10ft. (3.0m) cord included. For use with Hyfrecator® models 797 and 796.	7-796-4
Patient Plate ..... Reusable 3.5in. X 6in. (8.9cm X 15.2cm) dispersive plate with 8ft. (2.4m) cord. Fits Hyfrecator® 2000 only.	7-900-7
Patient Plate ..... Reusable 3.5in. X 6in. (8.9cm X 15.2cm) dispersive plate with 8ft. (2.4m) cord. Fits all other models.	7-796-7





## Smoke Evacuation System Accessories

Hyfre-Vac® II Filter Pack, 2/case, Sold by case only ..... Ref. # 7-900-14

Hyfre-Vac® II Hand Held Tubing Non-sterile, 5/case..... Ref. # 7-900-13

## Disposable Hyfrecator® Accessories

### Disposable Pencil Sheaths

Ref. #

#### Pencil Sheath — Non-sterile

Disposable, clear plastic Sheaths protect the pencil body from external contamination during procedures. 8in. (20.0cm) long.

100/box ..... 7-796-18BX

12 boxes/case ..... 7-796-18CS

#### Pencil Sheath — Sterile

Disposable, clear plastic sheaths protect the pencil body and portion of cable from external contamination during procedures. 36in. (91.44cm) long.

25/box ..... 7-796-19BX

4 boxes/case ..... 7-796-19CS

Electrosurgical Tip Cleaner, Single-use, 6/package, 40/case ..... 138029



### Electrolase® Disposable Electrodes — Sharp Tips

#### Electrolase® Sharp Tips — Non-sterile

Disposable Hyfrecator® tips ideal for pinpoint coagulation. White plastic base.

100/box ..... 7-100-12BX

12 boxes/case ..... 7-100-12CS

#### Electrolase® Sharp Tips — Sterile

Disposable Hyfrecator® tips ideal for pinpoint coagulation. White plastic base.

50/box ..... 7-100-8BX

12 boxes/case ..... 7-100-8CS



### Electrolase® Disposable Electrodes — Blunt Tips

#### Electrolase® Blunt Tips — Non-Sterile

Disposable Hyfrecator® tips ideal for broad based coagulation. Dark gray plastic base.

100/box ..... 7-101-12BX

12 boxes/case ..... 7-101-12CS

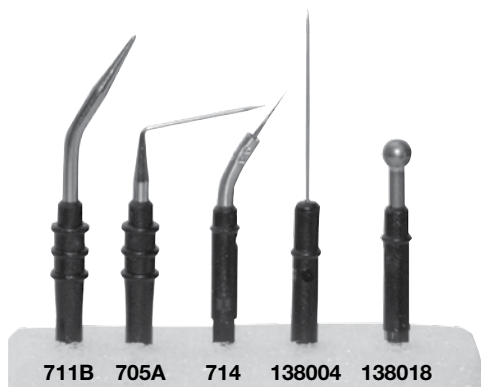
#### Electrolase® Blunt Tips — Sterile

Disposable Hyfrecator® tips ideal for broad based coagulation. Dark gray plastic base.

50/box ..... 7-101-8BX

12 boxes/case ..... 7-101-8CS



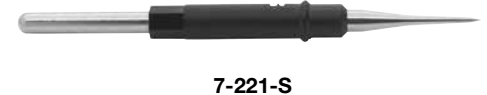
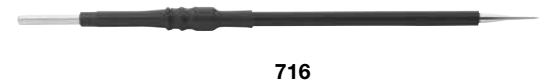
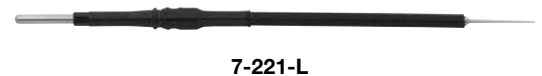


## Reusable Hyfrecator® Accessories

	Ref. #
Electrode Starter Kit .....	700
Contains one each:	
- 711B .....	45° angle general purpose electrode
- 705A.....	75° angle needle electrode
- 714.....	30° angle extra fine needle electrode
- 138004...	.625in. straight needle electrode
- 138018...	ball electrode
General Purpose Electrode with Protective Insulator .....	711B
45° angle. 3in. (7.6cm) overall.	

## Reusable Needle Electrodes

	Ref. #
Extra Fine Needle Electrode .....	714
30° angled, .375in., 1.0cm, extra fine needle electrode designed for delicate procedures. Commonly used for epilation and telangiectasias dermatology procedures as well as ophthalmology applications. Sold as package only 6 per pack.	
Epilation/Telangiectasias Needle .....	714-S
With special coating to reduce build up, this 30° angled, .375in., 1.0cm, extra fine needle electrode designed for delicate procedures. Commonly used for epilation and telangiectasias dermatology procedures as well as ophthalmology applications. Sold as package only 6 per pack.	
Needle Electrode for Pinpoint Procedures .....	7-221-A
30° angled, .75in. (1.905cm) needle electrode for pinpoint coagulation 2.5in (6.45cm) total length.	
Long Desiccation and Coagulation Needle .....	7-221-L
.625in. (1.588cm), electrode on long shaft, 5in. (12.7cm) total length.	
Long Desiccation Needle .....	716
.375in. (1cm) needle electrode on long shaft, 5in. (13cm) total length.	
Short Desiccation Needle .....	7-221-S
.375in. (1cm) needle electrode on short shaft, 2in. (5cm) total length.	
Fine Wire Needle .....	705A
75° angled, .5in. (1.3cm) needle electrode.	
Needle Electrode .....	138004
.625in., 2in. total length. Sold in package of 5 each.	







**138019**



**138018**



**7-222-A**



**7-222-L**

## Reusable Ball Electrodes

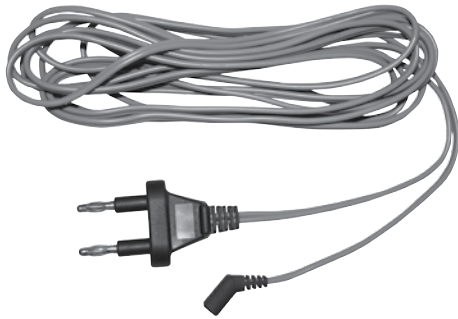
	Ref. #
Short Ball Electrode .....	138019
0.125in. (.3175cm) diameter ball electrode on short shaft. Sold in package of 5 each.	
Ball Electrode .....	138018
.1875in. (.5cm) diameter ball electrode used for controlled coagulation. 1.6in. total length. Sold in package of 10 each.	
Angled Ball Electrode .....	7-222-A
30° angled, .09375in. (.26cm) diameter ball electrode for controlled coagulation. 2.1in. (5.3cm) total length. Sold in package of one.	
Long Ball Electrode .....	7-222-L
.21875in. (.56cm) diameter ball electrode on long shaft, 5in. (13cm) total length. Sold in package of one.	

## Bipolar Forceps

For precise desiccation and coagulation control. All forceps are autoclavable and require a bipolar cord and foot switch for operation. Cold sterilization may damage insulating material.

	Ref. No.
Jeweler's Micro Tip, Straight.....	7-809-1
Length, 4in. (10.2cm.) Tip, 0.4mm. Insulated. Requires foot switch and bipolar cord.	
Semkin Micro Tips, with Stops.....	60-1771-001
Length, 5.5in. (14cm.) Tip, 0.7mm. Uninsulated. Requires foot switch and bipolar cord.	
Semkin Straight .....	60-1772-001
Length, 6in. (15.2cm.) Tip, 1.5mm. Insulated. Requires foot switch and bipolar cord.	
Gerald Micro Tips .....	7-809-2
Length, 7in. (18.0cm.) Tip, 1.0mm. Insulated. Requires foot switch and bipolar cord.	
Hardy Micro Tips .....	7-809-3
Bayonet with Stops. Length, 8.25in (21cm). Tip, 0.5mm. Uninsulated Requires foot switch and bipolar cord.	
Adson Smooth Tips .....	7-809-4
Length, 5in. (13cm.) Tip, 1.0mm. Insulated. Requires foot switch and bipolar cord.	
Cushing Smooth Tips .....	7-809-5
Length, 7in. (18.0cm.) Tip, 1.5mm. Insulated. Requires foot switch and bipolar cord.	
Cushing Smooth Tips .....	7-809-6
Bayonet. Length, 7.5in. (19.0cm.) Tip, 0.7mm. Insulated Requires foot switch and bipolar cord.	





## Bipolar Forceps (continued)

Ref. No.

Adson Serrated Tips ..... 7-809-7  
 Length, 5in. (13cm.) Tip, 1.0mm. Insulated.  
 Requires foot switch and bipolar cord.

Cushing Serrated Tips ..... 7-809-8  
 Length, 7in. (18.0cm.) Tip, 1.5mm. Insulated.  
 Requires foot switch and bipolar cord.

Cushing Serrated Tips ..... 7-809-9  
 Bayonet. Length, 7.5in. (19.0cm.) Tip, 0.7mm. Insulated  
 Requires foot switch and bipolar cord.

## Bipolar Cord

Bipolar 12ft. (3.7cm) Cord ..... 7-809-12  
 Reusable, autoclavable. Fits all Hyfrecators®.

## Foot Switches

Foot Switch ..... 7-900-4  
 For use with Hyfrecator® 2000.  
 Includes 10ft. (3.0m) cord.

Foot Switch ..... 7-796-4  
 For use with Hyfrecator® models 797 and 796.  
 Includes 10ft (3.0m) cord.

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## Applications for Dermatology

### Benign Lesions

The Hyfrecator® 2000 can destroy a variety of benign skin lesions. With its wide range of power settings, the Hyfrecator® 2000 treats even the most delicate facial lesions as well as the thickest scaling lesions of the trunk. Some of the clinical applications include:

- Acrochordon (Skin Tag)
- Actinic Keratoses
- Adenoma Sebaceum
- Angiokeratoma
- Angiomas, Capillary
- Angiomas, Spider
- Condyloma Acuminatum (Veneral Wart)
- Fibroma
- Keratoacanthoma
- Lymphangioma
- Molluscum Contagiosum
- Pyogenic Granuloma
- Seborrheic Keratoses
- Sebaceous Papules Syringomas
- Telangiectasias
- Common Warts (Verrucae Vulgaris)
- Filiform Warts
- Flat Warts (Verrucae Plana)

### Malignant Lesions

If malignancy is suspected, a biopsy is recommended before treatment by Electrosurgery for histopathologic examination. The most common skin cancers are basal and squamous cell carcinomas. Appropriately selected ones may be treated easily, quickly and effectively with curettage and electrofulguration. When lesions are chosen appropriately, very acceptable cure rates for Electrosurgery can be achieved. In addition, Electrosurgery has the advantage of being easy to learn, simple to perform and cost-effective. Cosmesis is quite acceptable and in many cases, may be preferable to the cosmetic results of excisional surgery or radiotherapy.

- Basal Cell Carcinoma
- Bowen's Disease (Squamous Cell Carcinoma in Situ)
- Bowenoid Papulosis
- Squamous Cell Carcinoma

## Other Applications

### Plastic Surgery

Many surgeons use the Hyfrecator® 2000 for hemostasis in plastic and reconstructive surgery. It saves time and produces minimal tissue reaction compared to other methods. Coagulation occurs by touching each bleeding point with an electrodesiccating current. Because blood will dissipate the energy, a sponge should be used just prior to application.

### Gynecology

- Vaginal Cysts
- Condylomata of the Vulva
- Cervical Polyps
- Pruritus Vulvae
- Urethral Tumors
- Cervical Erosion
- Cervicitis
- Bartholin's Cysts or Abscesses
- Nabothian Cyst
- Skene's Glands

### Ophthalmology

- Chalazion (Meibomian Cysts)
- Entropion
- Xanthelasma
- Burn Entropion
- Spastic Entropion

### Otolaryngology

- Adenoid-Hypertrophied Remnants
- Epistaxis
- Granular Pharyngitis
- Nasal Polyps
- Hemostasis in Tonsillectomy
- Tonsil Tag Destruction
- Turbinate Shrinkage

### Proctology

- Fissure-in-ano
- Hemorrhoids
- Ischiorectal
- Papilloma

### Urology

- Bladder Tumor Ablations
- Vasectomy
- Veneral Warts

### Dental and Oral Surgery

- Apioectomy
- Buccal Gingival Cavity
- Cysts, Mucous
- Dentin Desensitization
- Frenectomy
- Hemostasis
- Gingivectomy
- Root Canal Sterilization

\*The above represents a sample of procedural applications developed by Hyfrecator® users. It is recommended that users attend training courses, as appropriate, to develop proper surgical techniques.

## Glossary of Terms

The following glossary of terms has been provided in order to familiarize yourself with the terminology used in the video training tape.

### Coagulation

The desiccation of tissue via high-frequency generated electrical current.

### Desiccation

A common form of superficial electrosurgery where the treatment electrode LIGHTLY CONTACTS the tissue surface. Derived from the Latin term desiccare, which means "to dry".

### Fulguration

Superficial Electrosurgery in which the treatment electrode is not in contact with the tissue, and a spark of high-frequency electrical current jumps between the electrode and the tissue. Derived from the Latin term fulgur, which means "lightning".

### Electrode

In electrosurgery, an instrument with a point or surface from which to transmit an electrical current, i.e. disposable electrodes, reusable electrodes.

### Bipolar

Electrodes having two poles with electric current alternating between both poles, i.e. forceps.

### Epilation

The removal of hair. One form of epilation utilizes the Hyfrecator and is termed "thermolysis" (Utilize the 714 epilation needle set).

### Seborrheic Keratoses

Perhaps the most common skin tumors in adults, often associated with old age.

### Telangiectasia

A condition consisting of superficial, visible blood vessels. Although often referred to as broken blood vessels or spider veins, they are normal capillaries. Common areas are the face, nose, side of the neck and upper chest and legs.

### Nevi (Mole)

This term is used to designate a pigmented fleshy growth and is applied loosely to any blemish of the skin.

For further information and product support, visit [www.hyfrecator.com](http://www.hyfrecator.com)



## Clinical Resources/Training

### Physician Training

**Symposia Medicus** is a non-profit organization that provides CME courses. Call or visit the website for a current course listing.  
Phone: 925-969-1789, toll-free: 800-327-316X, Fax: 727-771-9570, Web: [SymposiaMedicus.org](http://SymposiaMedicus.org)

**Primary Care Procedures (PCP)** offers hands-on training of common office procedures to primary care practitioners. Call for a course listing.  
Phone: 727-771-1727, Fax: 727-771-9570, Email: [trs68@gte.net](mailto:trs68@gte.net)

**Continuing Medical Education Associates (CMEA Inc.)** is accredited by the Accreditation Council for Continuing Medical Education (ACCME), and provides CME courses for physicians. Call or visit CMEA's web site for a list of available courses.  
Phone: 949-250-1008, Toll-free: 800-447-4474, Fax: 949-250-0445, Web: [MedInfoSource.com](http://MedInfoSource.com), Email: [Webmaster@MedInfoSource.com](mailto:Webmaster@MedInfoSource.com)

**The Accreditation Council for CME accredits The University of Vermont College of Medicine, Office of Continuing Medical Education.** It provides continuing medical education for physicians. Conferences encompass nearly all medical specialties.  
Phone: 802-656-2292, Fax: 802-656-1925, Web: [uvm.edu/~uvmcme](http://uvm.edu/~uvmcme)

### Video Training

**Common Dermatologic Procedures** provides step-by-step instructions by a noted physician for the removal of spider veins, moles, warts, skin tags, seborrheic keratoses and skin cancers. Approximate running time is 15 minutes.

Order Product 7-900-21-CD or contact a representative.

### CD-ROMS

**Hyfrecator® Dealer Training** provides electrosurgery guidelines and outlines the features and benefits of the Hyfrecator® 2000. Order Product #0028.

**Office Electrosurgery** provides valuable information physicians need to know performing various in-office dermatological procedures. Order Product #0027.

**ConMed.com & Email** information valuable to both dealers and physicians is accessible on ConMed's new, expanding web site.

E-mail: [Hyfrecator@ConMed.com](mailto:Hyfrecator@ConMed.com)

For additional information regarding ConMed Clinical Resource Library, please call 800-552-0138.

For information and product support, visit [www.hyfrecator.com](http://www.hyfrecator.com)