# Hyfrecator®

## Product Catalog

**ELECTROLASE®**
SHARP TIP

**HYFRECATOR®**
PENCIL SHEATH

**GENERAL PURPOSE**
ELECTRODE

**FINE NEEDLE**
ELECTRODE

To learn more about
these innovative
products, visit
**www.CONMED.com**

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# Ordering Information

## To Place Your Order

Please provide a purchase order number, billing and shipping instructions, terms, product catalog number and description, and pricing to Customer Service.

## Customer Support

**Customer Service (Within U.S.)**

Toll Free: 1-866-4CONMED

E-mail: customerexperience@conmed.com

**CONMED International Customer Service**

Telephone: 727-214-3310

E-mail: internationalcustomerexperience@conmed.com

## Terms and Conditions

All prices and specifications are subject to change without notice. All prices are FOB Lithia Springs, Georgia. (F.O.B. Drop Shipment Points where applicable). Purchase orders should be addressed to CONMED Corporation, 11311 Concept Blvd., Largo, FL 33773. Credit terms: Net 30 days where approved

## Return Goods Policy

All CONMED products, except products that are obsolete, discontinued, or damaged or specialty products, may be returned within 60 days after date of purchase for credit subject to the following:

1. A copy of the invoice number and date of purchase and a Return Authorization Number must accompany the returned goods with the reason for the return stated in writing. Contact CONMED Customer Service for the Return Authorization Number at 1-800-448-6506.
2. All returned goods would be subject to a minimum of 15% restocking charge. The exact amount of credit to be given, if any, will be determined by a Quality Assurance inspection. Sterile packaged products may be returned for credit only if returned in the original, unopened package.
3. If the return is due to our error in shipping, full credit will be given.
4. All returns should be addressed as indicated by Return Authorization.

## Quality Policy

At CONMED our passion and responsibility is for success of our customers and the patients for whom they care.

We empower our customers to succeed by our commitment to integrity, quality, responsiveness and a relentless focus to deliver accessible CONMED solutions. Our talented employees and culture are the foundation of our success.

## Hyfrecator® 2000 & Accessories

- Precisely Controlled Power Output
- Dual Microprocessing Technology — Continuously monitors the system for reliability and safe operation

### Hyfrecator® 2000 ESU

| | 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 |

* International Units

| | |
|---|---|
| IEC 320 Power Cord Set, European | 60-5108-001 |
| IEC 320 Power Cord Set, British | 60-5108-002 |
| IEC 320 Power Cord Set, US | 60-5773-001 |

Box Contents included with the purchase of 115V Hyfrecator (#7-900-115):

(1) Hand-switching handpiece (#7-900-5)

(1) Wall mounting kit (#7-796-20)

(1) Power Cord (#60-5773-001)

(5) Sharp, non-sterile disposable electrodes (7-100-12)

(5) Blunt, non-sterile disposable electrodes (7-101-12)

(1) Inservice Training CD (#7-900-25-CD)

(1) Operators Manual (7-900-OM-ENG)

**International voltages (7-900-100, 7-900-220, 7-900-230) are shipped separately from the power cord and Operator's Manual to accommodate for local outlets and languages.

# Hyfrecator® 2000

## Training Tools

Hyfrecator® 2000 Operator's Manual
- Available in additional languages
- 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.

# Hyfrecator® Accessories for All Models

## Mobile/Mounting Accessories

Ref. #

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

Ref. #

Autoclavable, Reusable Hand Control Pencil ..... 7-900-5
10ft. (3.0m) cord included. Fits Hyfrecator® 2000 only. Included with unit.

Autoclavable, Reusable Foot Control Pencil.....7-900-6
Autoclavable foot-switch activated pencil with 10ft. (3.0m) cord.
Fits all Hyfrecator Models. Requires footswitch. See below.

## Foot Switch and Patient Plate

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

Patient Plate ..... 7-900-7
Reusable 3.5in. X 6in. (8.9cm X 15.2cm) dispersive plate with 8ft. (2.4m) cord.
Fits Hyfrecator® 2000 only.

# Disposable Hyfrecator® Electrodes

CONMED

## Disposable Hyfrecator® Electrodes

### Disposable Pencil Sheaths

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

### Electrolase® Disposable Electrodes — Sharp Tips

Electrolase® Sharp Tips — Non-sterile
Disposable Hyfrecator® tips ideal for pinpoint coagulation.

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

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

Electrolase® Sharp Tips — Sterile
Disposable Hyfrecator® tips ideal for pinpoint coagulation.

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.

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

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

Electrolase® Blunt Tips — Sterile
Disposable Hyfrecator® tips ideal for broad based coagulation.

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

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

# Reusable Hyfrecator® Electrodes

## Reusable Hyfrecator® Electrodes

Ref. #

Electrode Starter Kit ..... 700
Contains one each:
- 711B ..... 45º angle general purpose electrode
- 705A..... 75º angle needle electrode
- 714 ..... 30º angle extra fine needle electrode
- 138004... .625in. straight needle electrode
- 138018 ... ball electrode

General Purpose Electrode with Protective Insulator ..... 711B
45º angle. 3in. (7.6cm) overall.

# Reusable Hyfrecator® Electrodes

714

714-S

7-221-A

7-221-L

7-221-S

705A

138004

## Reusable Needle Electrodes

Ref. #

Extra Fine Needle Electrode ..... 714
30º angled, .375in., 1.0cm, extra fine needle electrode designed for delicate procedures. Commonly used for epilation and telangiectasias dermatology procedures as well as opthalmology applications. Sold in package of 6 each.

Epilation/Telangiectasias Needle ..... 714-S
With special coating to reduce build up, this 30º angled, .375in., 1.0cm, extra fine needle electrode designed for delicate procedures. Commonly used for epilation and telangiectasias dermatology procedures as well as opthalmology applications. Sold in package of 6 each.

Needle Electrode for Pinpoint Procedures ..... 7-221-A
30º angled, .75in. (1.905cm) needle electrode for pinpoint coagulation 2.5in (6.45cm) total length. Sold in package of one.

Long Desiccation and Coagulation Needle ..... 7-221-L
.625in. (1.588cm), electrode on long shaft, 5in. (12.7cm) total length. Sold in package of one.

Short Desiccation Needle ..... 7-221-S
.375in. (1cm) needle electrode on short shaft, 2in. (5cm) total length. Sold in package of one.

Fine Wire Needle ..... 705A
75º angled, .5in. (1.3cm) needle electrode. Sold in package of one.

Needle Electrode ..... 138004
.625in., 2in. total length. Sold in package of 5 each.

# Reusable Hyfrecator® Electrodes

## Reusable Ball Electrodes

Ref. #

Short Ball Electrode ..... 138019
0.125in. (.3175cm) diameter ball electrode on short shaft.
Sold in package of 5 each.

**138019**

Ball Electrode ..... 138018
.1875in. (.5cm) diameter ball electrode used for controlled coagulation.
1.6in. total length. Sold in package of 10 each.

**138018**

Angled Ball Electrode ..... 7-222-A
30º angled, .09375in. (.26cm) diameter ball electrode for controlled coagulation. 2.1in. (5.3cm) total length. Sold in package of one.

**7-222-A**

Long Ball Electrode ..... 7-222-L
.21875in. (.56cm) diameter ball electrode on long shaft,
5in. (13cm) total length. Sold in package of one.

**7-222-L**

# Bipolar Forceps

## Bipolar Forceps

For precise desiccation and coagulation control. All forceps are sold 1 per pack, 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.

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 Accessories

## Bipolar Cord

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

## Foot Switch

Foot Switch ..... 7-900-4
For use with Hyfrecator® 2000.
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. 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 electrodessicating 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 Tonsilloadenoidectomy
- Tonsil Tag Destruction
- Turbinate Shrinkage

### Proctology

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

### Urology

- Bladder Tumor Ablations
- Vasectomy
- Venereal Warts

### Dental and Oral Surgery

- Apicoectomy
- 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 conmed.com/hyfrecator

Hyfrecator®
Product Catalog

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