

# HF-GENERATOR

## HF-2000 B

Order-No.: 670-91060

### Best Safety with Feedback-System

Powerful and stable technology can satisfy all surgical demands with safety flexibility and convenience without performance compromise.

### Smooth Cut

User can have smooth cut with minimum power needed and can choose from 4 different modes of monopolar cut settings.

### Coagulation

User can select contact or spray type coagulation which needed.

### Easy Autohand switch in Bipolar mode

For easy operation, it can control with hand and foot, both ways.

### Single Foot Switch

### Single Foot Switch (Bipolar)

Order-No.: 670-91052

### Double Foot Switch (Monopolar)

Order-No.: 670-91051

## e In

General surgery  
Dermatology  
Endoscopy  
Vascular Surgery  
Gynaecology  
Heart/Thoracic Surgery

- ORL/ENT
- Pediatric Surgery
- Orthopedics
- Urology
- Oral Surgery
- T.U.R.

## atures

### Most Compact and Lightest System

- It weights just 12.5 kg and can be mounted or placed in anywhere

### External Power Generator

- When the user specifies the power requirement, HF-4000 B is designed to provide consistent and reliable power. Our power source settings will benefit the user clinical user requirements and flexibility in operation.

### Super Liability and Durability

- All the products have been testing for durability under standard testing methods. With our knowledge of quality control, HF-4000-B will provide user with peace of mind during operation.
- In monopolar mode, urethral resection or laparoscope procedure can be done with ease. In bipolar mode, large areas or wet tissues can be treated with standards coagulations can be done with ease.
- Our device is designed to fully support the power requirement of an operator. Our power requirements were designed and configured for clinical user needs.

**MGB**

## GENERAL

|                                      |                                                                                                             |
|--------------------------------------|-------------------------------------------------------------------------------------------------------------|
| <b>Model</b>                         |                                                                                                             |
| PR1060                               | HF-2000 B                                                                                                   |
| PR1052                               | Foot Switch bipolar                                                                                         |
| PR1051                               | Foot Switch monopolar                                                                                       |
| <b>Connection</b>                    |                                                                                                             |
| Power supply                         | 230 V                                                                                                       |
| Frequency                            | 50/60 Hz                                                                                                    |
| <b>Classification</b>                |                                                                                                             |
| Approval                             | CE                                                                                                          |
| <b>Dimension and Weight</b>          |                                                                                                             |
| Dimension (w/h/d)                    | 330 x 455 x 150 mm                                                                                          |
| Weight                               | 12.5 kg                                                                                                     |
| <b>Operating Conditions</b>          |                                                                                                             |
| Operating temperature                | +10° C ~ +40° C                                                                                             |
| Operating humidity                   | 30 % ~ 75 %                                                                                                 |
| <b>Content of Delivery</b>           |                                                                                                             |
| PR1060 B                             | <ul style="list-style-type: none"> <li>■ Unit</li> <li>■ Main power cable</li> <li>■ User manual</li> </ul> |
| <b>Accessories</b>                   |                                                                                                             |
| Bipolar connection                   |                          |
| Forceps connection                   |                          |
| Ground pad cable connection (GC2HF6) |                          |

## SPECIFICATION

| HF-Specification    |                |
|---------------------|----------------|
| Pure Cut            | 200 W at 300 Ω |
| Blend 1             | 150 W at 300 Ω |
| Blend 2             | 120 W at 300 Ω |
| Blend 3             | 100 W at 300 Ω |
| Contact coagulation | 100 W at 300 Ω |
| Spray coagulation   | 80 W at 300 Ω  |
| Bipolar coagulation | 80 W at 100 Ω  |

| Order-No.                              | Standard Accessories                                                                                                                                                                             |
|----------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PR310P5                                | <ul style="list-style-type: none"> <li>■ Reusable ES pencil, pencil type: PR 310</li> <li>■ Electrode: standard Blade</li> <li>■ Cable length: 5 m</li> <li>■ Plug type: 3-prong plug</li> </ul> |
| EB22R2                                 | <ul style="list-style-type: none"> <li>■ Reusable electrode, standard length</li> <li>■ Tip type: blade, insulation overmold</li> </ul>                                                          |
| EN22R2                                 | <ul style="list-style-type: none"> <li>■ Reusable electrode, standard length</li> <li>■ Tip type: needle, insulation overmold</li> </ul>                                                         |
| ES22R3                                 | <ul style="list-style-type: none"> <li>■ Reusable electrode, standard length</li> <li>■ Tip type: 3 mm ball, insulation overmold</li> </ul>                                                      |
| GB900                                  | <ul style="list-style-type: none"> <li>■ Ground pad, bipolar</li> <li>■ Pad size: adults,</li> <li>■ Cable type: NA</li> <li>■ Plug: NA</li> </ul>                                               |
| GC2HF6 (Ground pad cable connection)   | ■ Plug: Ø 6.3 mm plug                                                                                                                                                                            |
| Bipolar forceps (See Promed catalogue) | ■ Reusable bipolar forceps                                                                                                                                                                       |
| FC813FS                                | <ul style="list-style-type: none"> <li>■ Reusable 5m Silicone cable</li> <li>■ 2 x 4 Banana plug</li> <li>■ Bipolar forceps flat connector</li> </ul>                                            |



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## GENERAL

| Order-No.                            |                                                                                                             |
|--------------------------------------|-------------------------------------------------------------------------------------------------------------|
| 670-91050                            | HF-4000 B                                                                                                   |
| 670-91052                            | Foot Switch bipolar                                                                                         |
| 670-91051                            | Foot Switch monopolar                                                                                       |
| Main Connection                      |                                                                                                             |
| Power supply                         | 230 V                                                                                                       |
| Frequency                            | 50/60 Hz                                                                                                    |
| Classification                       |                                                                                                             |
| Approval                             | CE                                                                                                          |
| Dimension and Weight                 |                                                                                                             |
| Dimension (w/h/d)                    | 330 x 455 x 150 mm                                                                                          |
| Weight                               | 12.5 kg                                                                                                     |
| Operating Conditions                 |                                                                                                             |
| Operating temperature                | +10° C ~ +40° C                                                                                             |
| Operating humidity                   | 30 % ~ 75 %                                                                                                 |
| Extent of Delivery                   |                                                                                                             |
| HF-4000 B                            | <ul style="list-style-type: none"> <li>■ Unit</li> <li>■ Main power cable</li> <li>■ User manual</li> </ul> |
| Interface                            |                                                                                                             |
| Monopolar connection                 |                          |
| Bipolar connection                   |                          |
| Ground pad cable connection (GC2HF6) |                          |

## SPECIFICATION

| HF-Specification    |                |
|---------------------|----------------|
| Pure Cut            | 400 W at 300 Ω |
| Blend 1             | 250 W at 300 Ω |
| Blend 2             | 200 W at 300 Ω |
| Blend 3             | 150 W at 300 Ω |
| Contact coagulation | 120 W at 300 Ω |
| Spray coagulation   | 100 W at 300 Ω |
| Bipolar coagulation | 99 W at 100 Ω  |

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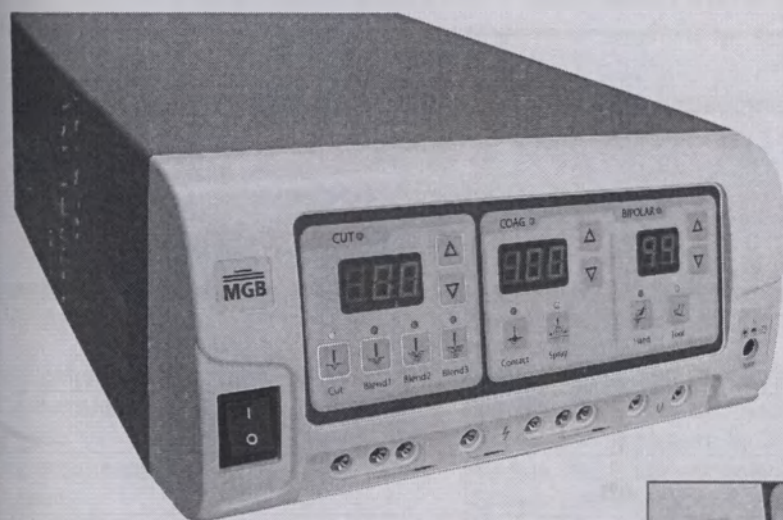
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