

Electro Surgical Cautery

Model : **BROW**



Safety Features

1. Protection Class According to **EN 60601-1**
2. Body Protected and cardiac protected design
3. HF Leakage current **<150mA**
4. Patient Plate Monitoring System

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Glamatic's innovative model of ESU **BROW** is design to provide a safe, userfriendly generator to meet all types of surgery procedure performance demands. **Glamatic** incorporates automatic safety features into the **BROW** like self-test circuits, audible tones, discreet outputs, isolated circuitry, and patient plate monitoring.

Glamatic BROW gives the surgeon a multipurpose generator to be used in the modern surgi-center. It has multipal output of monopolar, bipolar, vessel sealing and saline turp functions and will satisfy a multitude of surgical requirements while staying safe, flexible, convenient, and affordable. and had become a popular choice among surgeons for in-office procedures.

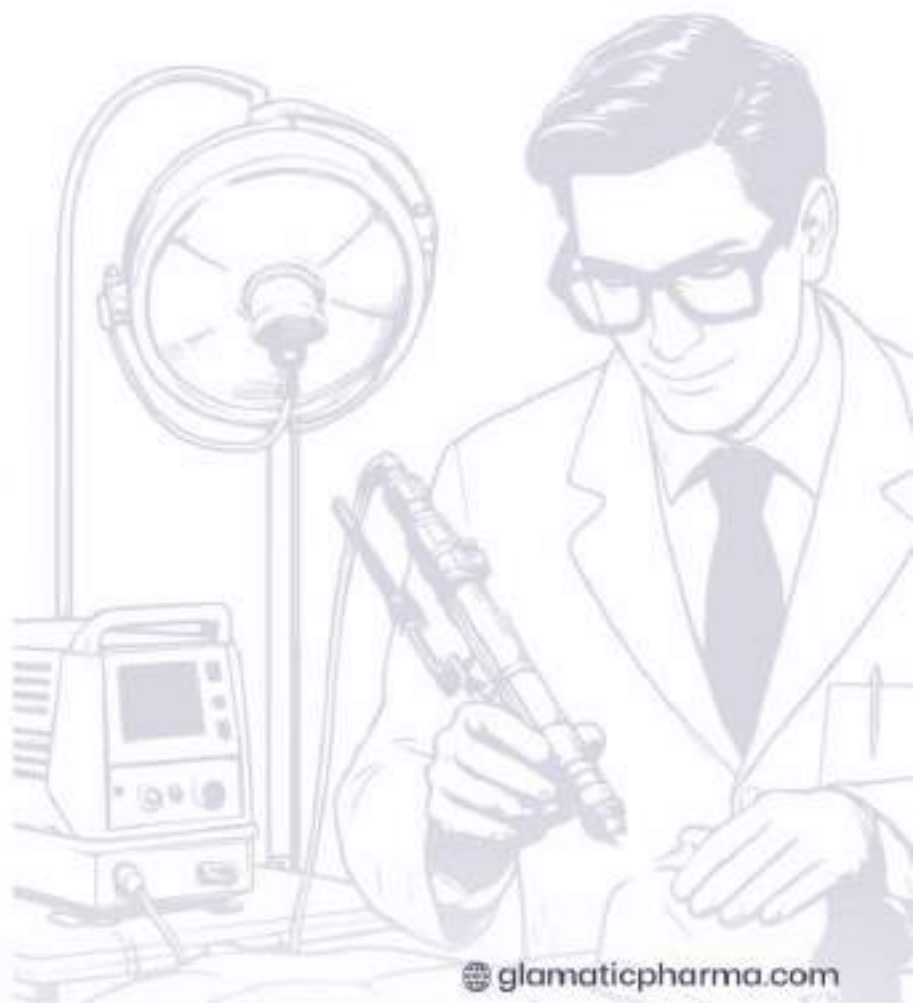
Product Features

01

CUT MODE

PURE CUT - A high-frequency alternating current yields smooth, rapid cuts that evoke little to no hemostasis.

BLEND 1 - Preset blended cut modes give the surgeon varying degrees of hemostasis in cut mode.



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BELND 2 - The mode is used for the vaporization of prostatic tissue or any fat tissue. The higher output wattage gives fast cutting effect of the tissue

ENDOCUT - The mode is used to automatically control cut system to reduce the complication rate of endoscopic sphincterotomy (EST) and serum hyperamylasemia after EST compared to the conventional blended cut mode.

02

COAG MODE

SPRAY - Spray output is made for direct coagulation at the tissue with spark. This spark does not give any cutting effect as its crest factor is high.

FORCE - This mode is a greater degree of homeostasis and covers all demands of standard coagulation. This produce the fine tune waveform that creates superficial resistance in the tissue resulting in superior coagulation where the tissue destroyed by hyper evaporation.

FULGURATE - Sparking the tissue to lead to coagulation. There is no tissue-electrode contact; rather, voltage is raised in order to incite a spark between electrodes in order to coagulate the tissue in between.

DESICCATE - Coagulation in which the active electrode is in direct contact with the tissue is referred to as desiccation and is the type of coagulation used in most surgeries It ensures pinpoint desiccation with less destruction of peripheral tissue.

03

BIPOLAR & SEAL

BI-COAG - For highly precise control over coagulation process and privations of carbonization.

BI-CUT - Bipolar CUT technology lets you nearly eliminate excessive current, even during precision cutting in minute tissue structure.

SEAL - Mode provides unique combination of pressure & energy to create vessel fussion, leaving no foreign material behind. Easemed designed special feature that seal as well as cut simultaneously used with help of sealer instrument using programme 5 & 6 for surgery.

Bipolar TURP - The advantage of **bipolar TURP** is that saline can be used during the procedure which is much safe option, virtually eliminating the risk of TURP syndrome as a result, larger and more complicated prostate gland can be treated with Bipolar TURP mode.

Salient Features

1. 99 User settable program mode
2. Frequency : 480khz
3. Display : 7 segment LED
4. Frequency - 1 Mhz (Seal Mode)
5. Input Supply Voltage - 100 V / 230 VAC (+/-15%) 50 Khz

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Standard Accessories



CHUCK HANDLE
WITH **ELECTRODES**



BIPOLAR FORCEP
WITH **CABLE**



MONOPOLAR / BIPOLAR &
SEAL DOUBLE PEDAL
FOOT SWITCH



DISPOSABLE HAND
SWITCH PENCIL



SILICON **PATIENT PLATE** WITH **CORD**

Technical Specification

CUT

MODE	MAX POWER	LOAD	CREAST FACTOR
PURE CUT	400 W	300Ω	1.5
BLEND 1	250W	300Ω	1.5
BLEND 2	200W	300Ω	1.5
ENDOCUT	99%	300Ω	1.5

COAG

MODE	MAX POWER	LOAD	CREAST FACTOR
SPRAY	120 W	300Ω	7
FORCE	120W	300Ω	6.5
FULGURATE	150W	300Ω	6
DESICCATE	150W	300Ω	6

BIPOLAR

MODE	MAX POWER	LOAD	CREAST FACTOR
BI-COAG/MICRO	80 W	100Ω	1.5
BI-CUT/MACRO	80W	100Ω	1.5
AUTO	100W	100Ω	X
SEAL	150W	100Ω	1.5
SALINE CUT	300W	100Ω	1.5
SALINE COAG	150W	100Ω	