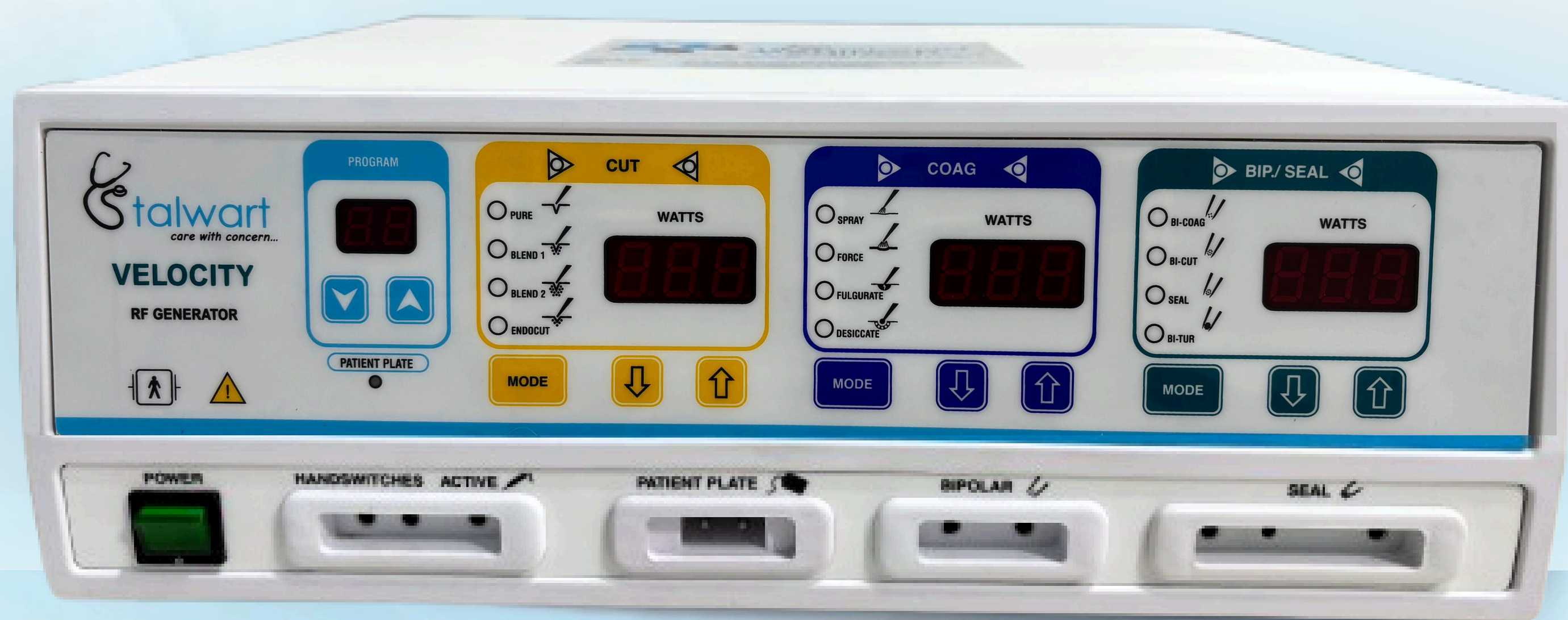


ELECTRO SURGICAL GENERATOR



Safety Features

Protection Class According to EN 60601-1

Body Protected and cardiac protected design

HF Leakage current < 150mA

Patient Plate Monitoring System

The Stalwart's innovative model of ESU Crown is design to provide a safe, userfriendly generator to meet all types of surgery procedure performance demands. Stalwart incorporates automatic safety features into the Velocity like self-test circuits, audible tones, discreet outputs, isolated circuitry, and patient plate monitoring. Stalwart Velocity gives the surgeon a multipurpose generator to be used in the modern surgi-center. It has multupal 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.

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.

BLEND 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.

COAG MODE

SPRAY - Spray output is made for direct coagulation at the tissue with spark. Above 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.

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.

BITUR - 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.

VELOCITY

STALWART MEDITECH PVT. LTD.

Corporate Office : Plot No-A-10, Second Floor, Patparganj Industrial Area, Delhi-92

011-49869776

+91 - 9999012763 +91 - 9718784245

Stalwart is leading manufacturer of electrosurgical cautery machine has design a advance technology electrosurgical machine for under water TURP. A transurethral resection of the prostate (TURP) is a surgical procedure that removes portions of the prostate gland through the penis. A TURP requires no external incision Bipolar TURP allows saline irrigation and eliminates the need for an ESU grounding pad thus preventing post-TURP hyponatremia (TUR syndrome) and reducing other complications.

Technical Specification

CUT				
MODE	MAX POWER	LOAD	CREAST FACTOR	VELOCITY
PURE CUT	400 W	500Ω	1.5	✓
BLEND 1	250 W	500Ω	1.5	✓
BLEND 2	200 W	500Ω	1.5	✓
ENDOCUT	99 %	500Ω	1.5	✓
COAG				
SPRAY	120 W	500Ω	7	✓
FORCE	120 W	500Ω	6.5	✓
FULGURATE	150 W	500Ω	6	✓
DESICCATE	150 W	500Ω	6	✓
BIPOLAR / SEAL / SALINE TURP				
BI-COAG / MICRO	80 W	100Ω	1.5	✓
BI-CUT / MACRO	80 W	100Ω	1.5	✓
AUTO	100W	100Ω	1.5	x
SEAL	150W	100Ω	1.5	✓
SALINE CUT	300W	100Ω	1.5	✓
SALINE COAG	150W	100Ω		✓

Salient Features

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

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

STALWART MEDITECH PVT. LTD.

Corporate Office : Plot No-A-10, Second Floor, Patparganj Industrial Area, Delhi-92

011-49869776 +91 - 9999012763 +91 - 9718784245