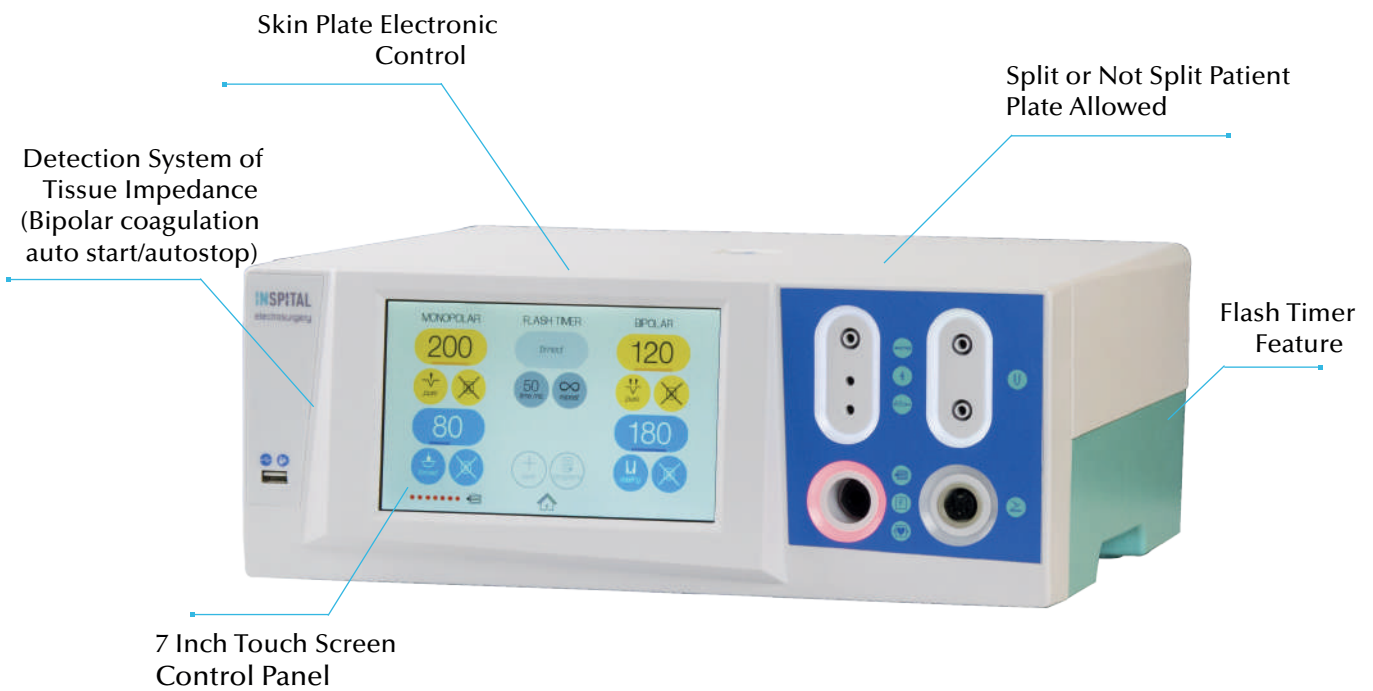


Electro Surgical Unit ESU

medsurge 
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INSPIRAL



Electro Surgical Unit (ESU)

Inspital NS02.00 is new generation of electrosurgery devices with microprocessor control and 7" touchscreen control panel. It is suitable to use in emergencies and minor or major surgeries.

Features

- Bipolar Coagulation Function
- Pure and Blend Cutting, Superficial and Deep Coagulation
- Adjustable Power and Sound Levels
- Automatic System Control At Each Start Up
- Compatibility with Foot Switch and Manual Use

Cutting & Coagulation Options

- Can be used in all surgery branches like general surgery, orthopedics, urology, cardiovascular surgery and neurosurgery with 200 and maximum output power options
- Advanced technology with automatic self-test feature at each start up in-forms the user about device functions
- Blend cutting modes with pure cutting and at 5 different modulation levels
- Wide, Rapid and non-contact coagulation with spray coagulation mode
- Safe hemostasis by superficial and deep contact coagulation modes

Patient Safety System & Memory

- Contact impedance between patient body and return electrode is continuously watched by Skin Plate Electronic Control (SPEC)
- 50 different usage modes can be stored in the memory by pre-programming method, offering possibility for immediate call.

Vessel Sealing Function

Effective and safe sealing process in laparoscopy, open surgery veins and muscles bundles thanks to the vessel sealing function integrated onto cau-tery device.

Argon Coagulation

- If Argon coagulation is needed, Argon Plasma Coagulation Device can be easily added to the electro surgical unit in use.
- Auto-detection of argon coagulator equipment
- Automatic communication with electro-surgical devices and activation by a \ single cable connection



*One Touch
Many Surgeries*



USB support



General Features

- Device Modes: Monopolar (Cut-Coag Mode) / Monopolar (Coag Mode) / Bipolar (Cut-Coag Mode)Vessel Sealing L1, L2, L3 shape
- Voice Alert Feature: 40-70 dB Adjusted in the range-Volume control which depends output power
- Device Use Language: Turkish / English
- Duty - Cycle : Intermittent 10 seconds
: Emission / 30 seconds of pause
- Classification: Class IIb (MDD 93/42 EEC)
- Standards: EN 60601-1, EN 60601-1-2, EN 60601-2-2
- Packaging Documentation : CE
- Fuse: 2xT 10AL, 250V
- Class : I CF
- Duty - Cycle: Intermittent 10 seconds emission / 30 seconds of pause
- Inlet Voltage: 100-240 VAC / 50-60 Hz
- Input Voltage: 750 VA
- Insurance Types: 115 VAC(2xT 10A GLASS FUSE)-230VAC(2xT 5A GLASS FUSE)
- Electrical Protection Class: Class I, CF
- Patients Electrical Circuit : F
- Menu / Screen Features : Touch Screen

TECHNICAL SPECIFICATIONS

• Maximum Output Power CUT	200 W - 300 Ω
• Maximum Output Power BLEND	150 W - 300 Ω
• Maximum Output Power FORCED COAG	150 W - 200 Ω
• Maximum Output Power SOFT COAG	100 W - 200 Ω
• Maximum Output Power BIPOLAR PURE CUT	120 W - 100 Ω
• Max Output Power BIPOLAR COAG	100 W - 50 Ω
• Max Output Power BIPOLAR SEALING	200 W - 50 Ω
• Working Frequency	360 kHz
• Selectable Input Voltage	100 - 240 V AC / 50-60 Hz
• Inlet Power	750 VA



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