

INSPIRAL

Electrosurgical Device



Operating Together for Life

Inspiral 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



General Features

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

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 informs 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 preprogramming 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 cautery device.

Argon Coagulation

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

TECHNICAL SPECIFICATIONS

- | | |
|--|----------------------------|
| • Maximum Output Power CUT | : 200 W - 300 Ω |
| • Maximum Output Power BLEND (CUT/ COAG) | : 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 - 50 Ω |
| • Max Output Power BIPOLAR COAG | : 100 W - 50 Ω |
| • Max Output Power BIPOLAR SEALING | : 200 W - 50 Ω |
| • Max Output Power BIPOLAR TUR (CUT) | : 120 W - 50 Ω |
| • Selectable Input Voltage | : 100 - 240 VAC / 50-60 Hz |
| • Inlet Power | : 750 VA |
| • Working Frequency | : 360 Hz |



USB support



One Touch
Many Surgeries



ELECTROSURGICAL ACCESSORIES

	Finger-Switch Pencil Reusable NS30.11		Finger-Switch Pencil Disposable NS30.10
	GeSilicone Bipolar Cable 3.0 M NS30.12 Instrument Connector : Ethicon Generator Connector: 4mm Banana Plug		Silicone European Bipolar Cable 3.0 M NS30.13 Instrument Connector : European Flat Plug Generator Connector: 4mm Banana Plug
	Silicone Diathermy Cable 3.0 M : NS30.14 Instrument Connector : 4mm Male Fitting (European Diathermy) Generator Connector : 4mm Banana Plug		Patient Return Cable 3.0 M NS30.15
	Ball Type Electrodes Dia. 2mm, 7 cm, straight, reusable NS30.40 Dia. 3mm, 7 cm, straight, reusable NS30.42 Dia. 4mm, 7 cm, straight, reusable NS30.44 Dia. 5mm, 7 cm, straight, reusable NS30.46 Dia. 3mm, 13 cm, straight, reusable NS30.48 Dia. 5mm, 13 cm, straight, reusable NS30.49 Dia. 2mm, 7 cm, curved, reusable NS30.41 Dia. 3mm, 7 cm, curved, reusable NS30.43 Dia. 4mm, 7 cm, curved, reusable NS30.45 Dia. 5mm, 7 cm, curved, reusable NS30.47		Blade Type Electrodes Bipolar Electrode, 20 cm, angled, reusable NS30.63 Bipolar Electrode, 19 cm, angled 45, reusable NS30.64 Bipolar Electrode, 20 cm, straight, reusable NS30.65
	Circle & Loop Type Electrodes Circle Loop Electrode 6mm, reusable NS30.55 Circle Loop Electrode 8mm, reusable NS30.56 Circle Loop Electrode 4mm, reusable NS30.57 Loop Electrode 20x20 cm, reusable NS30.50 Loop Electrode 10x10 cm, reusable NS30.51 Loop Electrode 20x20 cm, reusable NS30.52 Conization Electrode 13x15 mm, reusable NS30.53		Scissors & Artery Sealer Bipolar Artery Sealer , 16cm, reusable, non-stick NS31.70 Bipolar Artery Sealer , 22cm, reusable, non-stick NS31.71 Bipolar Scissor, 18cm, curved, reusable NS31.72 Bipolar Artery Sealer, 26cm, reusable, non-stick NS31.73 Diathermy Instruments Wilson Hey Forcept 17.8cm, monopolar male 4mm conn., reusable, NS31.80 Artery Forcept 17.8cm, monopolar male 4mm conn., reusable NS31.81
	Needle Type Electrodes Needle Electrode 13cm, straight, reusable NS30.32 Needle Electrode 7cm, straight, reusable NS30.30 Needle Electrode 7cm, curved, reusable NS30.31 Fine Needle Electrode 7cm, straight, reusable NS30.33 Needle Electrode 7cm, straight, disposable, non-stick NS30.34 Needle Electrode 7cm, straight, disposable NS30.35		Patient Return Plates Monopolar Patient Plate, disposable NS30.05 Bipolar Patient Plate, disposable NS30.09 Monopolar Patient Plate, 16x12 cm, reusable NS30.06
	Blade Type Electrodes Blade Electrode 15cm, straight, reusable NS30.22 Blade Electrode 7cm, straight, reusable NS30.20 Blade Electrode 7cm, curved, reusable NS30.21 Blade Electrode 7cm, straight, disposable, non-stick NS30.23 Blade Electrode 16cm, straight, disposable, non-stick NS30.24		Accessories Holster (Electrodes&Pencils) NS31.01 Tip Cleaner (Electrodes&Pencils) NS31.02 Bipolar Adaptor NS31.03
	European Bipolar Forceps Dia. 2mm, 20 cm, Bayonet, reusable NS31.40 Dia. 1mm, 20 cm, Bayonet, reusable NS31.41 Dia. 1mm, 20 cm, angled, reusable NS31.42 Dia. 1mm, 20 cm, straight, reusable NS31.43 Dia. 0.7mm, 11.5cm, Jeweler, reusable NS31.44 Dia. 1mm, 20 cm, straight, reusable, non-stick NS31.45 Dia. 2mm, 20 cm, straight, reusable NS31.46		Waterproof Foot Pedals Double Water-Proof Foot-Switch NS30.08 Single Water-Proof Foot-Switch NS30.07

Marking Plate

INSPITAL Electrosurgical Unit

Type : NS02.00TOUCH

INSPITAL
INSPITAL MEDİKAL TEKNOLOJİ A.Ş.
Karaoğlu Mah. Kümeevler Cad. No:745 Gölbaşı-Ankara TURKEY
03126190222 F.03126190225 www.inspital.com

model: NS02.00 TOUCH
duty cycle ON 10 s - OFF 30 s

class I CF
IP 40

MONOPOLAR
CUT 200 W - 300 Ω - 360 kHz
COAG 150 W - 200 Ω - 360 kHz

BIPOLAR
CUT 200 W - 50 Ω - 360 kHz
COAG 200 W - 50 Ω - 360 kHz

WARNING: DO NOT OPEN. FOR
TECHNICAL SERVICE CONTACT
QUALIFIED STAFF ONLY.
DİKKAT: CİHAZA SADECE YETKİLİ
SERVİS MÜDAHALE EDEBİLİR.
Ensure that the correct voltage is
selected before connecting to the
mains power supply
SEBEKEYE BAĞLAMADAN ÖNCE DOĞRU
VOLTAJIN SEÇİLDİĞİNE EMİN OLUN.
100 - 240 V~ 3A
50/60 HZ
750 VA
FUSE 2X T10AL 250V


UL/CE Approved on Electrosurgical Cables and Accessories
Karaoğlu Mah. Kümeevler Cad. No:745
Gölbaşı-Ankara TÜRKİYE 03126190222
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