

# INSPIRAL

## Electrosurgical Device



Operating Together for Life

NS01.60 is designed for minor and medium surgery procedures. It has microprocessor controlled wide range of monopolar and bipolar usage with 160 W max output power



#### General Features

|                         |                                                                            |
|-------------------------|----------------------------------------------------------------------------|
| Max. Output Power       | : 160 Watt (Cut Mode)                                                      |
| Device Modes            | : Monopolar (Cut-Coag Mode) / Bipolar (Cut-Coag Mode)                      |
| Voice Alert Feature     | : 55-75 dB Adjusted in the range-Volume control which depends output power |
| Classification          | : Class IIb (MDD 93/42 EEC)                                                |
| Standards               | : EN 60601-1, EN 60601-1-2, EN 60601-2-2                                   |
| Packaging Documentation | : CE                                                                       |
| Device Use Language     | : Turkish / English                                                        |

#### Electrical Properties

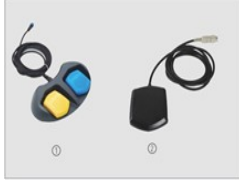
|                             |                                                          |
|-----------------------------|----------------------------------------------------------|
| Inlet Voltage               | : 115-230 VAC / 50-60 Hz                                 |
| Input Voltage               | : 350 VAC                                                |
| Insurance Types             | : 115 VAC(T 6,3A GLASS FUSE)-230VAC(T 3,15 A GLASS FUSE) |
| Electrical Protection Class | : Class I, CF                                            |
| Patients Electrical Circuit | : F                                                      |



#### Technical Specifications

|                                  |                             |
|----------------------------------|-----------------------------|
| Maximum Output Power Pure CUT    | : 160 W - 250 $\Omega$      |
| Maximum Output Power CUT         | : 120 W - 200 $\Omega$      |
| Maximum Output Power FORCED COAG | : 100 W - 150 $\Omega$      |
| Maximum Output Power SOFT COAG   | : 80 W - 100 $\Omega$       |
| Maximum Output Power BIPOLAR     | : 60 W - 100 $\Omega$       |
| Working Frequency                | : 600 kHz                   |
| Selectable Input Voltage         | : 115 - 230 V AC / 50-60 Hz |
| Dimensions                       | : 254x288x104 mm            |

## ELECTROSURGICAL ACCESSORIES

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