



The **Ethicon 300** ultracision harmonic scalpel utilizes ultrasonic energy to enable hemostatic cutting and coagulation of soft tissue. The Ethicon Harmonic Generator 300 consists of the ultrasonic generator, optional footswitch, an optional hand switching adaptor, and an option hand piece. This generator is for soft tissue incision when bleeding control and minimum thermal injury are desired. It can be used as an adjunct to or substitute for electrosurgery, lasers, and steel scalpels.

Features

- Indicated for soft tissue incisions when bleeding control and minimal thermal injury are desired
- Utilizes energy to enable haemostatic cutting and/or coagulation of soft tissue
- 5 power levels



Specifications

Dimensions

Height: 5.3 in (13 cm)
Width: 14.5 in (37 cm)
Depth: 15.2 in (39 cm)
Weight: 7.48 kg

Cart Dimensions

Height: 37.3 in (95 cm)
Width: 17.7 in (45 cm)
Depth: 27.6 in (70 cm)

Mains Input

Voltage: 100-240 VAC
Frequency: 50/60 Hz
Current Consumption: 3 amp

Operating Conditions

Temperature 10°C to 40°C
Humidity: 10-90% non-condensing
Atmospheric Pressure Range: 700hPa-1060hPa

Transport and Storage

Temperature: -35°C to +54°C
Humidity: 10-95% non-condensing
Atmospheric Pressure Range: 700hPa-1060hPa

Power Levels

The system delivers two power levels: minimum (MIN) and maximum (MAX)
The minimal power level may be adjusted by the user from Level 1 to 5
The Maximum power level is always Level 5. With all instruments except the ball coagulator, use a higher generator power level for greater tissue cutting speed and a lower generator power level for greater coagulation
The amount of energy delivered to the tissue and the resultant tissue effects are a function of many factors including the power level selected, instrument characteristics, grip force (when applicable), tissue tension, tissue type, pathology, and surgical technique

Controls, Indicators, and Connections

Ready, Standby, Increase/Decrease Power Level, Power, Volume, Min, Max, Alarm Indicator, Hand Piece Receptacle, Hand Activation, Test, and Graphic display, Footswitch Receptacles, Potential Equalization Terminal, Fuses, Power Cord Receptacle.