



The **Medtronic AEX Generator** is a radio-frequency electrosurgical generator. The AEX Generator can power both monopolar and bipolar handpieces simultaneously. The generator delivers RF energy to the handpiece for cutting and coagulation of soft tissues. For monopolar applications, the Medtronic generator offers a rotary peristaltic pump. This can simultaneously provide saline for hemostatic sealing coagulation of tissues and bones. The Medtronic AEX Generator offers a color touchscreen display and audio feedback of activation and alarm tones. AEX Generator is intended for general, plastic, and reconstructive surgery, ENT, Gynecologic, Orthopedic, Arthroscopic, Spinal, and Neurological procedures.

Features

- Handpiece control
- Handpiece with footswitch control
- Simultaneous activation of 2 handpieces
- Device default settings recognition
- Monopolar and Bipolar outputs
- Connection to Patient Return Electrode
- Color LCD to prompt user for input and to display informational, error, and fault messages
- Audio feedback of activation and alarm tones



Specifications

Physical

Width: 14.5 In (36.8 cm)

Height: 6.5 In (16.5 cm)

Length: 17 In (16.5 cm)

Weight: <20 lbs (9 kg)

Display

Diagonal: 7 In (17.8 cm)

Height: 3.5 In (8.9 cm)

Width: 6 In (15.2 cm)

Environmental

Operating Conditions

Temperature: 50°F - 104°F (10°C - 40°C)

Humidity: 15% - 85% Non-condensing Relative Humidity

Storage Conditions

Temperature: -4°F - 149°F (-20°C - 65°C)

Humidity: 0% - 85% Non-condensing Relative Humidity

Leakage Current

Low Frequency (50/60Hz)

Earth leakage current in normal condition <5 mA

Earth leakage current in single-fault condition <10 mA

Enclosure (touch) leakage current in normal condition <100 µA

Enclosure (touch) leakage current in single fault condition <500 µA

Patient leakage current in normal condition <10 µA

Patient leakage current in single fault condition <50 µA

High Frequency (RF)

Monopolar RF leakage current <150 mA

Bipolar RF Leakage Current <100 mA

