Megadyne™

MEGADYNE™ MEGA POWER™ Electrosurgical Generator Quick Start Guide

Recall Button
Recalls the last power setting and mode used when the recall button is pushed upon startup. Thereafter, toggling between modes will maintain the last power setting used.

On/Off Power Switch
Press button to turn the generator on or off. Lights will blink for eight seconds while the system performs a self-diagnostic system check.

Power Up/Down Buttons
Increases or decreases the power in a selected mode. The arrow up key increases power settings in one-watt increments up to 40 watts and in increments of five watts thereafter. The arrow down key will decrease power accordingly.

Bipolar Current Meter
The built-in current meter provides a visual indication of current flow. As tissue becomes desiccated and dries, current flow is diminished as illustrated by a reduction in light bars on the current monitor.

Bipolar Receptacle
The bipolar receptacle can accept either a foot-switching accessory or a hand-switching accessory. A foot-switching instrument requires the two large connectors to be inserted into the two mating receptacles. A hand-switching instrument uses an additional male pin on the molded connector that is inserted into the smaller mating receptacle.

Monopolar Receptacles
Monopolar accessories inserted into the monopolar hand-switching receptacles may be activated by depressing either the “CUT” or “COAG” keys on the pencil or foot switch.

Patient Return Electrode Input
Install a patient return electrode according to electrode manufacturer’s instructions for use.

For complete product details, see Instructions for Use.
Examples of power modes include:

ACE (Advanced Cutting Effect)
The Advanced Cutting Effect mode of the MEGADYNE™ MEGA POWER™ Generator automatically controls the output power of the generator to provide a consistent cutting effect.

Pure Cut
Provides a standard cutting effect with little hemostasis.

Blend Mode
Provides a combination of cutting and coagulation.

COAG 1
A desiccation mode that provides hemostasis and desiccation to tissue that is in contact with the active electrode. COAG 1 is designed to allow the active electrode to efficiently move through tissue for coagulation with dissection.

COAG 2
Delivers a more gradual onset of energy and may be preferred by surgeons desiring a more mild delivery of coagulation with desiccation.

Spray Coagulation
Spray Coagulation (fulguration mode) provides hemostasis in a more broad area with less depth of tissue damage when compared to desiccation. Spray mode provides diminished cutting effect when compared to cut modes.

Micro Bipolar
Delivers a precise and controlled bipolar effect. It delivers consistent power to provide a tissue effect designed for all standard bipolar applications.

Macro Bipolar
Delivers a rapid onset of power and higher voltage power output compared to Micro Bipolar.

Cleaning the MEGADYNE™ MEGA POWER™ Generator
Disconnect the power cord from the wall outlet prior to cleaning the generator. Use a mild detergent or disinfectant to clean the generator. Abrasive cleaners may scratch the displays. Do not allow fluids to drain inside the generator.

Error codes
To clear an error, turn the MEGADYNE™ MEGA POWER™ Generator off, then on, to restart the machine and clear the error. If the error does not clear, please make reference of the error code and all conditions of the system at the time the error occurred (mode, power setting, monopolar A or B channel), then call the Megadyne™ Service Department at (800) 747-6110.

Power settings
Settings will vary according to surgeons' preferences. To increase power intensity, increase the power setting. To decrease the intensity of power, lower the power setting. If a proper setting is not known, set the generator at a low setting and increase power until the desired effect is obtained.