

SURGICAL SYSTEM DUB-100 | DUG-100 / MEDITOM®



DUG-100



DUB-100



► Ultrasonic Shears

MEDISONIC® DU-143/137/127/115
DU-343/337/327/315



MEDISONIC® DU-337L



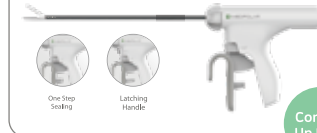
Coming
Up Next

MEDISONIC® DU-505



► Advanced Bipolar

MEDIPOlar® DB-137



Coming
Up Next

New Digital Technology

DAIWHA APC (Auto Power Control) Function

MEDIPOlar (Advanced Bipolar): Auto / Manual Seal modes (DUB-100 Only)

BIPOLAR: Cut, Coagulation, Resection modes (DUB-100 Only)

MEDISONIC (Ultrasonic Shears): High, Mid, Low, Enhanced Seal modes

► New Digital Technology

- 7 inch TFT Touch Color & User Friendly interface.
- The MEDITOM DUB-100 is a premium version of multi-purpose surgical energy generator
- The MEDITOM DUG-100 is a Ultrasonic generator (Medisonic Only)

► DAIWHA APC (Auto Power Control) Function

- Automatically regulates constant output power, maintaining consistent energy delivery for safe and effective operation.

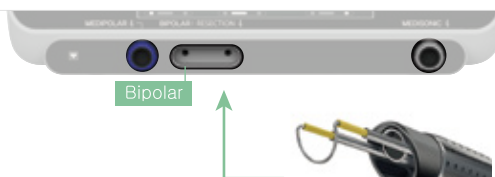
► MEDIPOlar (Advanced Bipolar)

- Seal & Cut vessels up to 7 mm with precise energy and pressure.
- Auto / Manual sealing modes can be selected based on user preference.

► Bipolar Modes (Cut, Coagulation, Resection)

- Auto Start & Stop mode enables precise, efficient operation without the need for physical buttons or footswitches.
- Compatible with resectoscopes via the bipolar channel

- Resection Cut:
Max Output 300 W
- Resection Coag:
Max Output 175 W

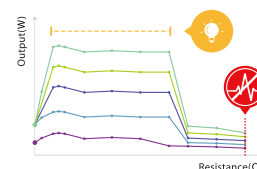


► MEDISONIC (Ultrasonic Shears)

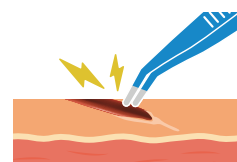
- Enhanced Seal Mode enables Cut & Seal up to 7 mm vessel.
- Automatic instrument recognition and compatible with DAIWHA Advanced Ultrasonic Energy Devices.



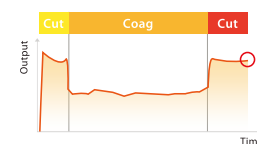
1. Medipolar (Advanced Bipolar)
2. Bipolar / Resection
3. Medisonic (Ultrasonic Shears)



Auto Power Control



Auto Start & Stop



Enhanced Seal Mode

Mode Specification

Tolerance : $\pm 20\%$

Mode	Frequency (kHz)	Output (W)	Rated Load (Ω)
MEDIPOlar			
Vessel Seal	482	Max 350	50
BIPOLAR			
Pure cut	482	Off, 1-200	200
Standard coag	482	Off, 1-100	100
Soft coag	482	Off, 1-80	100
Macro coag	482	Off, 1-70	100
RESECTION			
Cut	482	Off, 50-300 (Lv.1-6)	200
Coag	482	Off, 30-175 (Lv. 1-6)	100
* MEDISONIC Mode			
High	Mid	Low	Enhanced Seal

General Specification

Product Name	Ultrasonic Surgery Generator
Model Name	MEDITOM DUB-100 / *DUG-100
Main Frequency	Bipolar 482 kHz $\pm 10\%$ *Medisonic 55.5 kHz $\pm 10\%$
Purpose	Medipolar (Advanced Bipolar) Bipolar / Resection *Medisonic (Ultrasonic Shears)
H.F.L.C	Bipolar: Less than 100 mA
* L.F.L.C	Patient leads to ground: Less than 0.01 mA Chassis to ground: Less than 5 mA
*Power Source	110-240 VAC, 50/60 Hz, Switching
*Size (WxDxH)	330 x 490 x 147 mm
Weight	9.6 kg / *5 kg
Power Consumption	660 VA / *60 VA

[*DUG-100 Specification]