

Next Generation Power for the Lab of the Future

nGEN™
Generator



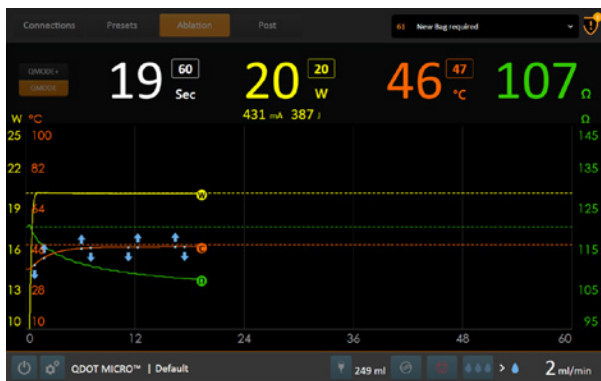
The nGEN™ Generator platform was specifically designed to work with the CARTO™ 3 System to operate all ablation offerings from Biosense Webster, including the QDOT MICRO™ Catheter and the HELIOSTAR™ Balloon Ablation Catheter.

nGEN™

Generator

High Power and Enhanced Control

- Very high-power ablations up to 90W*
- 10 independent power delivery channels for segmental ablation†
- With QMODE, irrigation and power vary automatically based on temperature feedback to maintain the tip stays within the allowed temperature range avoiding over-heating‡.



- Real-time display of ablation parameters and irrigation numerically and graphically



- Summary screen provide easy reference to procedure information

Lab Efficiency

- Focal, multi-electrode, and very high-power ablation in one generator[§]
- Compatible with THERMOCOOL™, NAVISTAR™, and CELSIUS™ Catheters, as well as future Biosense Webster ablation technology
- Unique installation configurations, including bedrail mounting of the nGEN™ Monitor
- Field upgradeable software permits updates without lab downtime

Practical Intelligence

- Complete integration with the CARTO™ Mapping System
- Automatically recognizes catheters and loads appropriate ablation settings[§]
- On-screen troubleshooting to ensure appropriate set-up and connections
- 32 different languages available on-screen
- Easy to use interface

nGEN™

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nGEN Monitor

- The nGEN™ Monitor is a microcomputer that permits control of the system
- Large touch screen
- Multiple monitors can be installed across the lab
- Presets allow on-demand recall of preferences by physician, procedure type, and catheter on a single screen
- Control the nGEN™ Pump from the nGEN™ Monitor



nGEN Generator

- The nGEN™ Console and Power Supply Unit produce and control the delivery of RF energy
- Seamless integration with CARTO™ Mapping System and EP Recording System
- Foot pedal available to start and stop ablation



nGEN Pump

- The nGEN™ Pump is a peristaltic pump designed to deliver irrigation solution to catheters
- Dual bubble sensors optimized for reliability while minimizing the probability of false bubble detection

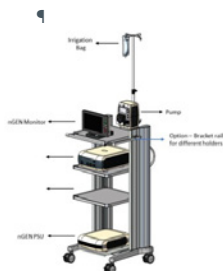
Core System Kit		
D138401	nGEN™ Generator Kit, including Console, Power Supply, Monitor, and Accessory Kit	
D138801	nGEN™ Monitor	
D139701	nGEN™ Pump	
Installation Accessories		
MA5402300	CARTO™ 3 System Cart Upgrade Kit for nGEN™	
MA5402330*	New nGEN™ Ablation Cart to be installed in all new installations except if there's no space for 2 carts	o
M583196SP	Clamp, nGEN™ Monitor to Bed Rail	
M549104SP	Clamp, nGEN Pump™ to IV Pole	+
M581802SP	nGEN Foot Pedal, 4.9 m	+
Catheter Interface Cables		
D140102	TX eco Cable (for QDOT MICRO™)	o
D135703	TX eco Extension Cable (for QDOT MICRO™)	o
D133701	Interface Cable, HELIOSTAR™ Catheter to nGEN™ Generator	o
D133703	Interface Cable, CELSIUS™ Catheter to nGEN™ Generator	o
System Interface Cables		
M581101SP	Cable, ECG Stimulator, 2 m (6.5 ft)	+
M583199SP	Cable, nGEN™ Console to Recording System, 3 m (10 ft)	
M5831100SP	Cable, nGEN™ Console to Recording System, 7.6 m (25 ft)	
M5831101SP	Cable, nGEN™ Console to Recording System, 13.7 m (45 ft)	
M583197SP	Cable, nGEN™ Monitor to Recording System, 3 m (10 ft)	+
M583198SP	Cable, nGEN™ Monitor to Recording System, 7.6 m (25 ft)	
M589704SP	Ethernet cable, 10 m (33 ft)	+(Qty. 2)
M589705SP	Ethernet cable, 23 m (75 ft)	+
M600203SP	Cable, nGEN™ Console to nGEN™ Power Supply Unit, 1.1 m (3.6 ft)	+
M600202SP	Cable, nGEN™ Console to nGEN™ Power Supply Unit, 3 m (10 ft)	
M600201SP	Cable, nGEN™ Console to nGEN™ Power Supply Unit, 5 m (16.4 ft)	
M600301SP	Cable, nGEN™ Console to nGEN™ Pump, 5 m (16.4 ft)	+
M581007SP	Cable TX, nGEN™ Console to CARTO® PIU, 3 m (10 ft)	+
M581006SP	Cable TX, nGEN™ Console to CARTO® PIU, 3 m (10 ft) - for use with HELIOSTAR™	o
System Power Adapters		
M621410SP	AC Power Cord, nGEN™ Power Supply Unit, 3 m (10 ft) - EU Standard	+
M621402SP	AC Power Cord, nGEN™ Power Supply Unit, 3 m (10 ft) - United Kingdom	
M621406SP	AC Power Cord, nGEN™ Power Supply Unit, 3 m (10 ft) - Israel	
M621407SP	AC Power Cord, nGEN™ Power Supply Unit, 3 m (10 ft) - Switzerland	
M621412SP	AC Power Cord, nGEN™ Power Supply Unit, 3 m (10 ft) - Denmark	
M529723SP	AC Adapter, nGEN Pump™	+
M649010SP	AC Power Cord, nGEN™ Pump, 3 m (10 ft) - EU Standard	+
M649002SP	AC Power Cord, nGEN™ Pump, 3 m (10 ft) - United Kingdom	
M649006SP	AC Power Cord, nGEN™ Pump, 3 m (10 ft) - Israel	
M649007SP	AC Power Cord, nGEN™ Pump, 3 m (10 ft) - Switzerland	
M649012SP	AC Power Cord, nGEN™ Pump & Monitor, 3 m (10 ft) - Denmark	
M583191SP	Power Supply, nGEN™ Monitor, 1.7 m (5.5 ft)	+(Qty 2)
Irrigation Tubing Set		
SAT001	SMARTABLATE™ Irrigation Tubing Set	o

* When used with the QDOT MICRO™ Catheter

† When used with the HELIOSTAR™ Catheter

‡ When compared to THERMOCOOL SMARTTOUCH™ Catheter and THERMOCOOL SMARTTOUCH™ SF Catheter

§ Feature depends on use with a compatible catheter



Generátor nGEN™ Biosense Webster

Generátor nGEN™ je určen pro aplikace srdečních ablací. Jeho účelem je generování radiofrekvenční (RF) energie po určitou dobu za účelem vytvoření lézí v místě aplikace s cílem přerušit abnormální elektrické vodivé dráhy v srdeční tkáni.

Indikace

Generátor nGEN™ je indikován pro použití ve spojení s kompatibilními katétrami pro srdeční ablaci.

Kontraindikace

Generátor nGEN™ nemá žádné specifické kontraindikace. Kontraindikace specifické pro jednotlivé katétrů naleznete v návodu k použití příslušného katétru.

Výstrahy

Než generátor nGEN™ začnete používat, přečtěte si celou uživatelskou příručku a provozní příručku generátoru nGEN™ (IFU= instruction for use) pro vybraný katétr a ujistěte se, že jim rozumíte. Rovněž si přečtěte návod k použití všech zařízení připojených k tomuto generátoru.

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 **Biosense Webster**
PART OF THE *Johnson & Johnson* FAMILY OF COMPANIES

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