

Medtronic

Symlicity G3™

renal denervation RF generator

Precise, safe, and effective¹⁻⁵

As part of the Symlicity Spyral™ renal denervation system, the **Symlicity G3 generator** employs a real-time responsive algorithm that automatically adjusts power by monitoring temperature and impedance for safe energy distribution.⁵



Symlicity G3 Generator



For use with the Symlicity Spyral™ multi-electrode renal denervation catheter

RDNG3A / RDN017 (Based on country approval)



- Dimensions: 29.9 cm x 36.7 cm x 18.9 cm (11.8 in x 14.5 in x 7.5 in)
- Weight: < 9 kg (< 19.8 lbs) excluding accessories
- Display screen: 26.4 cm (10.4 in)

Materials

- Painted and nonpainted sheet metal
- Polycarbonate/acrylonitrile butadiene styrene blend (external covers)
- Thermoplastic elastomer (cord management strap)
- Glass (projected capacitance touchscreen)

Cart

- ABS plastic
- Painted aluminium

Accessories

AC power cables

- | | |
|-----------------|---------|
| • NEMA 5-15 | < 3.1 m |
| • CEE 7/7 | 2.5 m |
| • SANS 164-1 | 2.5 m |
| • AS/NZS 3112 | 2.5 m |
| • BS 1363 | 2.5 m |
| • CEI 23-50 S11 | 2.5 m |
| • SEV 1011 | 2.5 m |
| • SI-32 | 2.5 m |
| • DK-2-8A | 2.5 m |

Included

- Remote control

Optional

- Mobile cart

Sold separately

- Symplicity Spyral catheter
- 0.014" guidewire (non-hydrophilic with a supportive shaft and floppy tip)
- 6 F guide catheter (90 cm max length)
- Dispersive electrode for RDNG3A: Compatible with Polyhesive™ adult patient return electrode (Model E7507, E7505-DB)
- Dispersive electrode for RDN017: A disposable dispersive electrode with a molded connector specified for adult use that complies with IEC 60601-2-2 is required

Technical specs

- RF power output to a maximum of 6.5 W per electrode (26 W total)
- Delivers energy if measured impedance is ≥ 175 ohms and < 1200 ohms
- Input power of 100 to 240 V ~, 50 to 60 Hz universal power supply



Refer to the Instructions for Use (IFU) and User Manual for full product information.

¹ Böhm M, Kario K, Kandzari DE, et al. Efficacy of catheter-based renal denervation in the absence of antihypertensive medications (SPYRAL HTN-OFF MED Pivotal): a multicentre, randomised, sham-controlled trial. *Lancet*. May 2, 2020;395(10234):1444-1451.

² Kandzari DE, Townsend RR, Kario K, et al. Safety and Efficacy of Renal Denervation in Patients Taking Antihypertensive Medications. *J Am Coll Cardiol*. 2023 ;82(19) :1809-1823

³ Medtronic Data on File, Design Validation Plan and Report, Mar 2023

⁴ Medtronic Data on File, G3 Generator Software V and V report, Mar 2023

⁵ Coates P, Tunev S, Trudel J, Hettrick DA. Time, Temperature, Power, and Impedance Considerations for Radiofrequency Catheter Renal Denervation. *Cardiovasc Revasc Med*. September 2022;42:171-177.

See the device manual for information regarding the instructions for use, indications, contraindications, warnings, precautions, and potential adverse events. For further information, contact your local Medtronic representative and/or consult the Medtronic website at www.medtronic.eu. For distribution only in markets where the Symplicity Spyral™ multi-electrode renal denervation catheter and Symplicity G3™ renal denervation RF generator have been approved. Not for distribution in the USA, Japan or France.