

# Demipulse™ & Demipulse Duo™ Generators



## ENHANCEMENTS

The Demipulse™ generators are the next generation of VNS Therapy technology and feature greater functionality for the benefit of patients and their physicians. New features of the Demipulse™ generators include the following:

- A projection of battery life with a warning message within 6 months of the projected end-of-service.
- Improved diagnostics, including 24-hour automated lead impedance test that warns of high or low impedance upon interrogation.
- Faster communication with a programming system.
- A product platform that will allow for the introduction of additional features and functionality in the future.

## FEATURES

The Demipulse™ generators are 43% smaller in volume and 36% lighter than the Pulse Model 102 generators.

Generator Model	Demipulse™	Demipulse Duo™
Matching Lead Type	Single Pin	Dual Pin
Thickness	7 mm	7 mm
Volume	8 cc	10 cc
Weight	16 g	17 g
Battery Life*	6+ years	6+ years
Computer Platform	Handheld ONLY	Handheld ONLY
Software	version 7+	version 7+

\* Predicted longevity at 2 mA, 20 Hz, 500 µsec, 10% duty cycle into a 4 kOhm load. The dose settings affect how long the battery will last. For example, the battery may last for 3 years at a higher setting, compared with 8 years at a lower setting. For full range of settings in relationship to battery life, see the Physician's Manual or the EOS Projection on the Handheld.

Please refer to the Brief Summary for prescribing and safety information

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