

Ordering Information

Description	Model Number
Genesis 8-channel IPG	3608
Genesis Patient Programmer	3850

1. Merrill DR, Bikson M, Jefferys JGR. Electrical stimulation of excitable tissue: design of efficacious and safe protocols. *J Neurosci Methods*. 2005;141(2):171-198.

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Please read Japanese package insert and IFU carefully before using the device.

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Item No. 0706-15

Genesis™
Primary Cell IPG



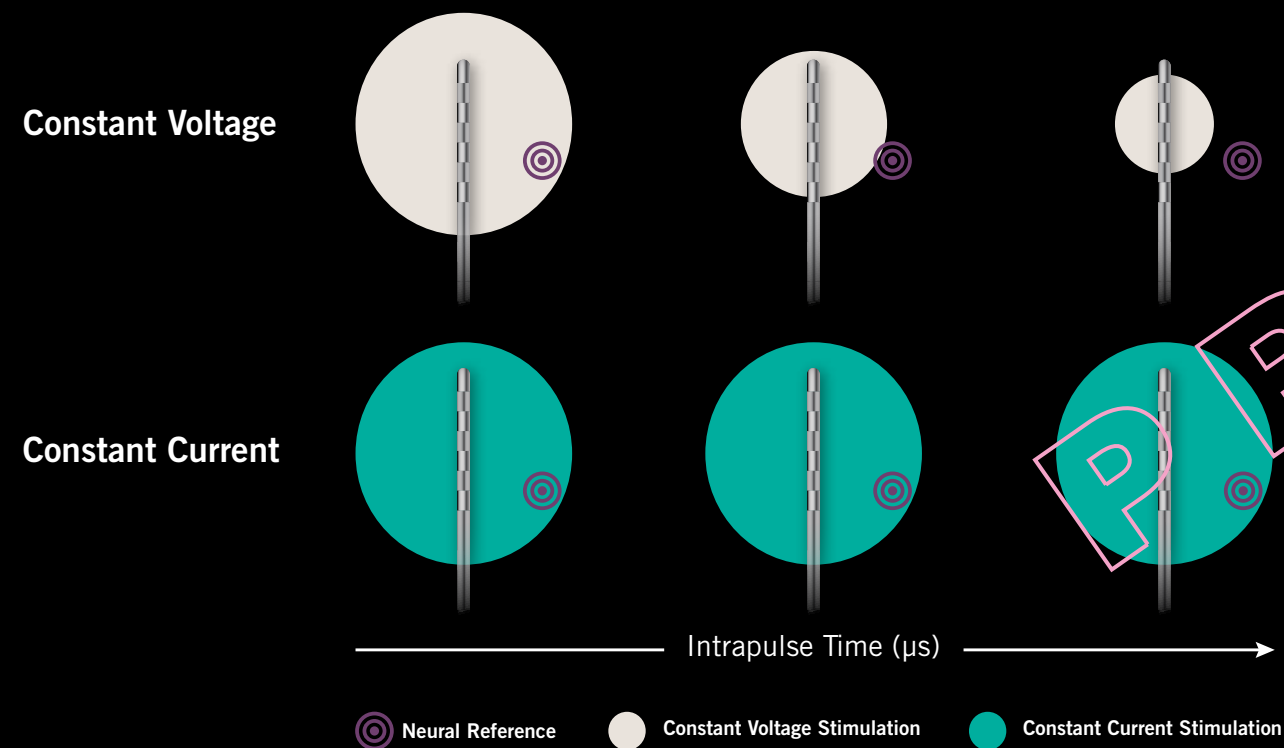
Compact Primary Cell IPG for Consistent, Reliable Pain Therapy

The Genesis implantable pulse generator (IPG) employs constant current stimulation delivery for consistent low-maintenance therapy. Designed for easy implantation, this eight-channel IPG features advanced programming for more options in managing chronic pain.

Consistent Pain Therapy

Constant current circuitry in the Genesis IPG automatically adjusts to changes in impedance by increasing or decreasing voltage. This automatic adjustment helps maintain a consistent electrical field to deliver the prescribed therapy.

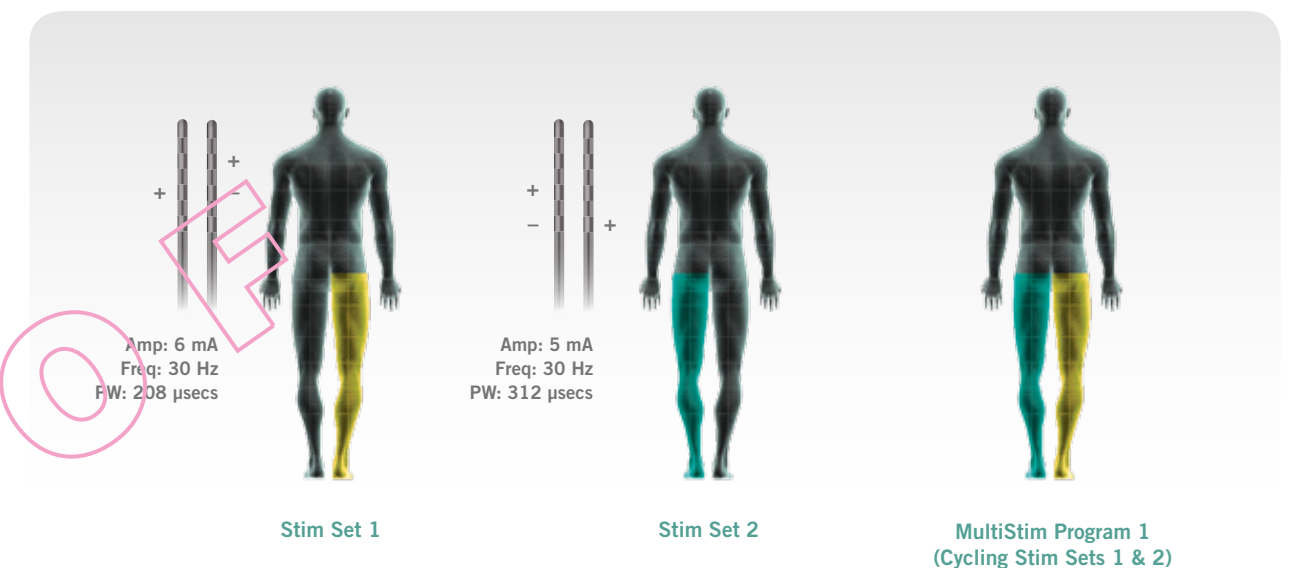
Constant Voltage and Constant Current¹



The illustration above compares the electrical fields of devices using constant current and constant voltage charge delivery. As impedance changes over the course of a single pulse, the constant current device maintains the prescribed electrical field, whereas the constant voltage device cannot.

Advanced Programming Capabilities

- Active Balancing™ feature allows for adjustments to stimulation intensities in areas with different thresholds
- PC-Stim™ programming permits the storage of up to 24 programs, which the patient can select to match changing pain location or activity level
- Dynamic MultiStim™ technology enables capture of multiple pain areas within a single program



Simple, Efficient Implant Procedure

- Compact size (28 cc) provides flexibility in pocket placement options
- System does not require extensions, reducing procedural time and complexity
- Single setscrew facilitates system connection

High Power Output

- Maximum power output of 25.5 mA (~12 V) to address high energy needs