

Precision Novi
and Prime Advanced™
SCS System Comparison



Precision Novi

Prime Advanced

		Precision Novi	Prime Advanced
Shape of Implant	Approval Year	2015	2006
	Volume	33cc	42cc
	Thickness	11mm	15mm
	Contoured Design	Yes	No
Shape of Stimulation Field	System Type	Independent Sources (MICC), Constant Current	Single Source, Constant Voltage
	Power Sources	16	1
	Programming	Illumina 3D™ Software	Standard On-Off Technology
	Pulse Width	20-1,000 μs	60-450 μs
	Frequency	2-1,200 Hz	2-130 Hz
	Maximum Central Points of Stimulation (Dual Leads)*	70,000	45
	Implant Depth Restriction	None	4cm
	Wireless Remote	Yes	No
	Battery	Battery Capacity	7.5Ahr

*COMPUTATIONAL MODELING METHODS: A volume conductor model of the low-thoracic spinal cord was created, and electric fields were calculated using ANSYS, a finite element modeling tool. The volume of activation (VOA) and the central point of the VOA were computed and are depicted in these figures. Only cathodes applied on single or adjacent contacts were used in these models. Computational modeling may not necessarily be indicative of clinical performance.

CAUTION: The law restricts these devices to sale by or on the order of a physician. Indications, contraindications, warnings and instructions for use can be found in the product labeling supplied with each device. Information for the use only in countries with applicable health authority product registrations. Boston Scientific Precision Novi: Indications, contraindications and Instructions for use are included in the Instructions for Use contained in the product package. Images courtesy of Boston Scientific Corporation. All cited trademarks are the property of their respective owners.

REFERENCES: Medtronic Prime Advanced Implant Manual (2006), Precision Novi Directions for Use (90930910-01 REV C 2014-10)
Prime Advanced volume measurements: data on file.