Microny™ II SR+

Single-Chamber Pacemaker

Product Highlights

- The AutoCapture™ pacing system offers the maximum in threshold adaptability and patient safety with ventricular Beat-by-Beat™ capture confirmation
- Automatic P/R sensitivity test suggests a programmed value for the P/R sensitivity
- Accelerometer sensor provides reliable rate response with only one programmable parameter (Slope)
- Beat-by-Beat™ lead impedance monitoring
- Comprehensive diagnostics and management tools, including measured data, rate prediction model, stimulation threshold vs. time, sensor indicated rate vs. time and others

Ordering Information

Contents: Cardiac pulse generator

Model Number	Dimensions (H x W x T, mm)	Weight (g)	Volume (cc)	Connector
2525T	33 x 33 x 6	12,8	5,9	IS-1 bipolar

Indications: The pulse generators are indicated for: Accepted Patient Conditions warranting chronic cardiac pacing, which include: sick sinus syndrome, chronic, symptomatic second- and third-degree AV block, recurrent Adams-Stokes syndrome, symptomatic bilateral bundle branch block when tachy-arrhythmia and other causes have been ruled out.

Atrial Pacing in patients with sinus node dysfunction and normal AV and intraventricular conduction systems. Ventricular Pacing in patients with significant bradycardia and:

normal sinus rhythm with only rare episodes of A-V block or sinus arrest requiring short periods of pacing support, chronic atrial fibrillation, severe physical disability.

Rate-Modulated Pacing in patients who would benefit from increased pacing rates concurrent with physical activity.

Contraindications: The pulse generators are contraindicated for: single-Chamber Ventricular Demand Pacing in patients who have demonstrated pacemaker syndrome, have retrograde VA conduction, or who suffer a drop in arterial blood pressure with the onset of ventricular pacing, single-Chamber Atrial Pacing in patients who have demonstrated compromise of AV conduction, rate-Modulated Pacing in patients who experience angina or other symptoms of myocardial dysfunction at higher sensor-driven rates, unipolar pacing in patients with an implanted cardioverter-defibrillator (ICD) since it may inhibit or trigger ICD therapy. The pulse generators are programmed to unipolar pacing and may be inappropriate for patients with an ICD.

Potential Adverse Events: Adverse events associated with the use of any pacing system include: air embolism, bleeding/hematoma, body rejection phenomena, cardiac tamponade or perforation, formation of fibrotic tissue; local tissue reaction, Inability to interrogate or program due to programmer or device malfunction, infection/erosion, interruption of desired pulse generator function due to electrical interference, either electromyogenic or electromagnetic, lead malfunction due to conductor fracture or insulation degradation, loss of capture or sensing due to lead dislodgment or reaction at the electrode/tissue interface, loss of desired pacing and/or sensing due to lead displacement, body reaction at electrode interface, or lead malfunction (fracture or damage to insulation), loss of normal device function due to battery failure or component malfunction, pacemaker migration, pocket erosion, or hematoma, pectoral muscle or diaphragmatic stimulation, phrenic nerve stimulation, pneumothorax/hemothorax.

Refer to the User's Manual for detailed indications, contraindications, warnings, precautions and potential adverse events.

Customer Support: 46-8-474-4756

Brief Summary: Prior to using these devices, please review the Instructions for Use for a complete listing of indications, contraindications, warnings, precautions, potential adverse events and directions for use. Devices depicted may not be available in all countries. Check with your St. Jude Medical representative for product availability in your country. Unless otherwise noted, ™ indicates that the name is a trademark of, or licensed to, St. Jude Medical or one of its subsidiaries. ST. JUDE MEDICAL, the nine-squares symbol and MORE CONTROL. LESS RISK. are registered and unregistered trademarks and service marks of St. Jude Medical, Inc. and its related companies.
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Product Specifications

PHYSICAL SPECIFICATIONS	
Model	**2525T**
Dimensions (mm)	33 x 33 x 6
Weight (g)	12,8
Volume (cc)	5,9
Connector	IS-1 Bipolar
Battery Data	Lithium-iodine cell; 2,80 V/0,35 Ah

PARAMETER	SETTINGS
Rate/Timing	
Mode	AOO(R); AAI(R); AAT(R); VOO(R); VVI*(R); VVT(R)
Basic Rate (ppm)	45 - 160 in steps of 5; 60*
Hysteresis Rate (ppm)	0; 10; 20; 30 below the basic or sensor-indicated rate; Off*
Refractory Period (ms)	250; 300*; 350; 400; 450; 500; 550
Output/Sensing	
Pulse Amplitude (V)	Auto** 0,3 - 4,5 in steps of 0,3; 2,4*
Pulse Width (ms)	0,03; 0,06; 0,09; 0,12; 0,15; 0,18; 0,21; 0,24; 0,31*; 0,37; 0,43; 0,49; 0,58; 0,70; 0,82; 1,0
P/R Sensitivity (mV)	0,5; 0,8; 1,2; 2,0; 3,0*; 5,0; 7,5; 12
ER Sensitivity (mV)	1,6; 2,5; 4,0*; 6,0; 10,0; 15,0; 24,0
Pulse Polarity Configuration	Unipolar
Sense Polarity Configuration	Bipolar
Rate-Modulated Parameters	
VARIO	On; Off*
Ventricular AutoCapture™ Pacing System	On; Off*
Sensor	On; Off; Passive
Maximum Sensor Rate (ppm)***	90 - 160 in steps of 10; 130*
Slope***	1 - 16 in steps of 1; 10*
Reaction Time***	Very Fast; Fast; Medium*; Slow; Very Slow
Recovery Time***	Very Fast; Fast; Medium*; Slow; Very Slow
Fast Response***	On; Off*

* Standard/Nominal settings.
** Only with AutoCapture ON.
*** Inactive. Activate by programming the sensor ON or PASSIVE.

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