

Enticos 4 SR

Single-chamber pacemaker



Ordering Information

Model	Connectors	Volume/weight	Dimensions	Order number
Enticos 4 SR	IS-1 (1x)	10 cm ³ /20.8 g	48 mm × 40 mm × 6.5 mm	407167

Product Highlights

Small size

Improves the patients' comfort through a reduced device volume.

Capture Control

Improves patient safety and extends device longevity by automatically adjusting the pacing amplitudes.

AutoSensing

Ensures optimal pacing behavior by automatically optimizing sensing settings.

Auto-initialization

Activates essential pacemaker functions and follow-up data within 10 minutes.

Quick follow-up with automaticity of all tests

Enticos 4 SR

Technical Data

Pacing parameters

NBG code	WVIR/AAIR
Mode	WVIR; AAIR; A00; VVI; AAI; A00R; VVT; AAT; V00; V00R; OFF
Basic rate/Night rate	
• Basic rate	30 ... (5) ... 100 ... (10) ... 200 bpm
• Night rate	OFF; 30 ... (5) ... 100 ... (10) ... 200 bpm
• Hysteresis	OFF; -5 ... (-5) ... -25 ... (-20) ... -65 bpm
• Repetitive/Scan cycles	OFF; ON [if Hysteresis was selected]
Pulse amplitude	0.2 ... (0.2) ... 6.0 ... (0.5) ... 7.5 V
Pulse width	0.1 ... (0.1) ... 0.5 ... (0.25) ... 1.5 ms
Sensitivity	AUTO; 0.5 ... (0.5) ... 7.5 mV

Pacing algorithm

Ventricular capture control	OFF; ON; ATM
• Threshold test start	2.4 ... (0.6) ... 4.8 V
• Safety margin	0.3 ... (0.1) ... 1.2 V
• Search type	<ul style="list-style-type: none"> • Interval • Time of day
• Interval	0.1; 0.3; 1; 3; 6; 12; 24 h
• Time of day	00:00 ... (00:10) ... 23:50

Conventional rate adaptation

Sensor	Accelerometer
• Max. activity rate	80 ... (10) ... 180 bpm
• Sensor gain	AUTO; Very low; Low; Medium; High; Very high
• Sensor threshold	Very low; Low; Medium; High; Very high
• Rate increase	1; 2; 4; 8 bpm/cycle
• Rate decrease	0.1; 0.2; 0.5; 1.0 bpm/cycle
Sensor optimization	Original, preview

Timing intervals

• Refract. period	200 ... (25) ... 500 ms
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Leads

Automatic lead check	ON; OFF
Lead configuration	Unipolar; bipolar
Auto-initialization	ON

Physical parameters

Service time	16 years, 10 months ¹⁾
Replacement indication	Programmed rate minus 11%
Electrically conductive surface	30 cm ²
X-ray identification	BIOTRONIK logo
¹⁾ at 2.5 V/0.4 ms, 60 bpm, 500 Ω; pacing: 50 %	

Additional parameters

Magnet response	AUTO [10 cycles at 90 bpm asynchronous; then basic rate synchronous]; asynchronous, synchronous
IEGM recording	4 recordings, max. 10 seconds each
Recording prior to event	0; 25; 50; 75; 100%