

Reocor external pacemaker series

Technical data

Parameters	Reocor S	Reocor D
Pacing modes	S00; SSI; SST	DDD; D00; VDD; WI; V00; VVT
Pacing rate	30 – 250 ppm	30 – 250 ppm
Fast pacing (burst rate)	60 – 1 000 ppm	60 – 1 000 ppm
AV delay		15 – 400 ms
Pulse amplitude / pulse width	0.1 – 17 V/1 ms	0.1 – 17 V/1 ms
Polarity	unipolar; bipolar	unipolar; bipolar
Sensitivity	1 – 20 mV	0.2 – 10 mV (atrium), 1 – 20 mV (ventricle)
Refractory period	30 – 150 ppm: 225 ms 151 – 200 ppm: 200 ms 201 – 250 ppm: 175 ms	30 – 150 ppm: 225 ms (ventricle) 151 – 200 ppm: 200 ms (ventricle) 201 – 250 ppm: 175 ms (ventricle)
Total atrial refractory period		30 – 120 ppm: AV delay + 175 ms (min. 400 ms) 121 – 250 ppm: AV delay + 175 ms (min. 240 ms)
Battery		
Type	alkaline manganese cells, 9 V	alkaline manganese cells, 9 V
Service time > after replacement ²	600 h	500 h
> after battery warning	36 h	36 h
> during replacement	30 sec	30 sec
Continuous status monitoring		
Lead impedance	audible signal if < 100 Ω or > 3 000 Ω	audible signal if < 100 Ω or > 3 000 Ω
Battery status	red LED indicates ERI	red LED indicates ERI
High rate	one-time audible signal if > 180 ppm	one-time audible signal if > 180 ppm
Housing		
Dimensions	160 x 75 x 35 mm	160 x 75 x 35 mm
Weight ³	approx. 245 g	approx. 260 g
Connector	temporary catheters and heartwires with 2 mm connectors directly; all other and implanted leads via BIOTRONIK cables	
Ordering information		
Order number	365 528	365 529

² With recommended battery Duracell Plus, 6LR61 and pacing at 70 ppm, 5 V, 500 Ω

³ Including battery

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CRM

Cardiac Rhythm Management

External Devices

Reocor External Pacemakers

Reocor

Intuitive Design. Complete Reliability.



Reocor External pacemaker series

Intuitive design allows for convenient handling and ease of use while ensuring complete reliability in every situation.



Intuitive design

Quality based on 25 years of experience

Function dials

- Easy setting of parameters
- Selectable values at a glance
- Quick overview of current settings

LED indicators

- Indication of low battery power
- Pacing/sensing monitoring



Burst therapy

- Centrally located activation button
- Hardware button resistant to unintentional activation

Protective cover

- Efficient protection against damage or accidental parameter changes

Convenient handling

Flexibility in every detail

Hanger

- Safe device mounting at patient's bedside

Armband

- Customizable device fixation on the patient



Connector

- Maximum safety for direct or indirect connection of temporary catheters, heartwires or leads

Battery

- Cost-efficient standard 9 V battery
- Quick and easy battery replacement

Complete reliability

For emergencies and temporary care

Individualized patient therapy

- ❖ High pacing output of up to 17 V
- ❖ Long AV delay of up to 400 ms
- ❖ Burst rate for managing atrial tachyarrhythmias

Easy handling

- ❖ Single-chamber (Reocor S) and dual-chamber (Reocor D) devices allow for dedicated and easy parameter settings
- ❖ Various options for connecting temporary catheters, heartwires and leads directly or via BIOTRONIK cables

Safe usage in daily practice

- ❖ Long service time of up to 600 hours¹
- ❖ Backup power supply of 30 seconds for battery replacement during operation
- ❖ Continuous status monitoring with alerts for low battery power, out-of-range lead impedances and high pacing rates
- ❖ Defibrillator-shock resistant

¹ Single-chamber device (Reocor S)

