

Reocor S/D

External pacemaker

Ordering Information

Model	Dimensions (l × w × h)	Weight	Order Number
Reocor S	160 × 75 × 35 mm	270 g	365528
Reocor D	160 × 75 × 35 mm	285 g	365529

Product Highlights

High pacing output of up to 17 V for effective stimulation

High pacing rate of up to 250 ppm, especially for pediatric care

Burst rate for managing atrial tachyarrhythmias

Long battery service time of 500 hours (Reocor D)/600 hours (Reocor S) permanent pacing

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



Reocor S/D

Technical Data

Parameters	Reocor S	Reocor D
Pacing modes	S00; SSI; SST	DDD; D00; VDD; VVI; V00; VVT
Pacing rate	30–250 ppm	30–250 ppm
Fast pacing (burst rate)	60–1000 ppm	60–1000 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 ¹⁾	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 > 2 000 Ω	Audible signal if > 2 000 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 × 75 × 35 mm	160 × 75 × 35 mm
Weight ²⁾	Approx. 270 g	Approx. 285 g
Connector	Temporary catheters and heartwires with 2 mm connectors directly; all other and implanted leads via BIOTRONIK cables	

1) With recommended battery Duracell® Plus, 6LR61 and pacing at 70 ppm, 5 V, 500 Ω .

2) Including battery.