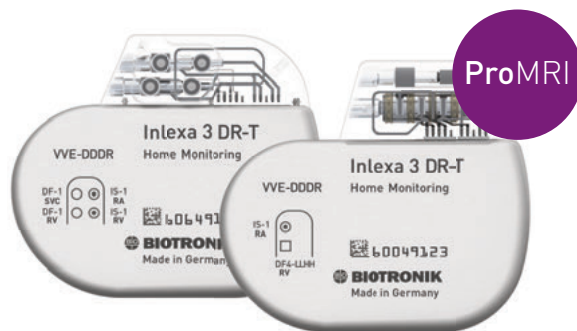


Inlexa 3 DR-T

MR conditional dual-chamber ICD



Ordering Information

Model	Connectors	Volume/weight	Dimensions	Order number
Inlexa 3 DR-T	DF-1 (2x), IS-1 (2x)	33 cm ³ /82 g	65 mm × 55 mm × 11 mm	404701
Inlexa 3 DR-T	DF4 (LLHH) (1x), IS-1 (1x)	32 cm ³ /82 g	65 mm × 56 mm × 11 mm	404702

Product Highlights

BIOTRONIK Home Monitoring®

Effective remote monitoring of heart failure and system integrity based on automatic and wireless daily transmissions. Enables earlier intervention and Home Monitoring-supported follow-ups that are approved by the U.S. FDA and CE Notified Body.

ProMRI¹⁾

Allows patients to undergo MR scanning under specific conditions.

1) For combination of MR conditional devices, please see the "ProMRI MR conditional device systems" manual

Automatic threshold monitoring

Permits remote evaluation of ventricular pacing thresholds.

DF4 connector

Simplifies and shortens the implantation procedure and reduces material in the device pocket.

Inlexa 3 DR-T

Technical Data

Therapy and monitoring zones	
Bradycardia	30 ... [5] ... 100 ... [10] ... 160 bpm
AT/AF	100 ... [10] ... 250 bpm
VT1	OFF; 270 ... [10] ... 600 ms
VT2	OFF; 270 ... [10] ... 500 ms
VF	OFF; 240 ... [10] ... 400 ms
Ventricular arrhythmia detection and redetection	
VT detection criteria	Interval; SMART detection; Onset; Stability; MorphMatch (if SMART: OFF); Sustained VT
Detection counter VT1 and VT2	For VT1: 10 ... [2] ... 100; For VT2: 10 ... [2] ... 80
Redetection counter VT1 and VT2	For VT1: 10 ... [2] ... 50; For VT2: 10 ... [2] ... 40
Detection counter VF	6 out of 8; 8 out of 12; 10 out of 14; 12 out of 16; 16 out of 20; 18 out of 24; 20 out of 26; 22 out of 30; 24 out of 30; 30 out of 40
Redetection counter VF	6 out of 8; 8 out of 12; 10 out of 14; 12 out of 16; 16 out of 20; 18 out of 24; 20 out of 26; 22 out of 30; 24 out of 30
Onset	If SMART = OFF: OFF; 4 ... [4] ... 32 % If SMART = ON: 4 ... [4] ... 32 %
Stability	If SMART = OFF: OFF; ± 8 ... [4] ... ± 48 ms and ± 8 ... [4] ... ± 48 % If SMART = ON: ± 8 ... [4] ... ± 48 %
MorphMatch	OFF; Monitoring: ON
MorphMatch threshold	Std.; Low; High
Sustained VT	OFF; 1 ... [1] ... 3; 5; 10 ... [10] ... 30 min
SMART detection	OFF; ON
Tachycardia therapy (VT1/VT2 zone)	
Attempts	OFF; 1 ... [1] ... 10
ATP type	Burst; Ramp
Number S1	1 ... [1] ... 15
R-S1 interval	70 ... [5] ... 85; 88; 90; 95 %
ATP optimization	OFF; ON
Minimum ATP interval	200 ms (fixed)
Tachycardia therapy (VF zone)	
ATP type (ATP One Shot)	OFF; Burst; Ramp
Stability criterion	12 % (fixed)
Number S1	1 ... [1] ... 15
R-S1 interval	70 ... [5] ... 85; 88; 90; 95 %
Cardioversion/defibrillation therapy	
Number of shocks	For VT zones: OFF; 1; 2; 6 or 8 For the VF zone: 6 or 8
Confirmation (in VT1, VT2, VF)	OFF; ON
Polarity (in VT1, VT2, VF)	Normal; Reversed; Normal → alternating
Waveform (in VT1, VT2, VF)	Biphasic; Biphasic 2
Shock path (in VT1, VT2, VF)	RV → SVC+Can; RV → Can; RV → SVC
Energy of 1st shock	OFF; 2 ... [2] ... 20 ... [5] ... 40 J
Energy of 2nd shock	OFF; 4 ... [2] ... 20 ... [5] ... 40 J
Post-shock mode	VVI; DDI; VDI
Post-shock pulse amplitude	7.5 V (RV, RA)
Post-shock duration	OFF; 10 s; 30 s; 1 min; 2 min; 5 min; 10 min
Pacing parameters	
Mode	DDDR; DDD; DDIR; DDI; VVIR; VVI; VDDR; VDIR; VDD; VDI; AAIR; AAI; OFF; V00; D00
Pulse amplitude [A, RV]	0.5 ... [0.25] ... 4.0 ... [0.5] ... 6.0; 7.5 V
Pulse width [A, RV]	0.4; 0.5 ... [0.25] ... 1.5 ms
Capture control [A, RV]	OFF; ATM
Basic rate	30 ... [5] ... 100 ... [10] ... 160 bpm
• Rate hysteresis	OFF; -5 ... [-5] ... -25 ... [-20] ... -65 bpm
• Scan/Repetitive	OFF; ON
• Night rate	OFF; 30 ... [5] ... 100 bpm
AV dynamics	Low; Medium; High; Fixed; Individual
AV delay after pacing and sensing	15; 40 ... [5] ... 350 ms
Sense compensation	OFF; -5 ... [-5] ... -120 ms

Pacing parameters	
AV hysteresis mode	OFF; Positive; Negative; IRSplus
• AV hysteresis mode (IRSplus)	400 ms (fixed)
• AV hysteresis mode (Positive)	OFF; ON
Upper rate (UTR)	90 ... [10] ... 160 bpm
Atrial upper rate	OFF; 175; 200; 240 bpm
Mode switching (Mode)	VDI, VDIR; DDI, DDIR
• Intervention rate	OFF; 120 ... [10] ... 200 bpm
• Change of basic rate during MS	OFF; +5 ... [5] ... +30 bpm
• Post mode switching rate	OFF; +5 ... [5] ... +50 bpm
• Post mode switching duration	1 ... [1] ... 30 min
• Onset criterion/Resolution criterion	3 ... [1] ... 8 out of 8
PVARP	AUTO; 175 ... [25] ... 600 ms
PMT detection/termination	OFF; ON
Sensing (RV)	Std. - Standard; TWS - Enhanced T-wave suppression; VFS - Enhanced VF sensitivity; Individually programmable sensing parameters
Sensing (A)	Std.; OFF
Sensor	Accelerometer
MRI program	OFF; ON
Diagnostic functions	
Recording episodes For AT/AF	OFF; ON
Recording episodes For SVT	OFF; ON
Recording episodes For nsT	OFF; ON
Periodic recording	OFF; 30 ... [30] ... 120; 180 days (if Home Monitoring: OFF)
IEGM Holter	3 x 56 min (Far-field, A and RV)
Length of prehistory	Fixed: 30 s; 5 s (when onset was fulfilled or at induced episodes); 1 min for AT/AF episode if Advanced ON was programmed
Physical parameters	
Telemetry	RF (SafeSync), programming head
Material	Titanium
Battery	3.2 V; 1520 mAh
Longevity	8.5 years ¹⁾
¹⁾ RA, RV: 2.5 V/0.4 ms, 60 bpm, 500 Ω; RV pacing: 15 %; RA pacing: 50 %; 4 max. energy shocks/year; Home Monitoring: ON (daily transmission); diagnostics: ON	
Tests	
Different tests for	Impedance, Sensing, Pacing threshold, DFT (EPE/ATP), Retrograde conduction, Rapid ventricular pacing
Program sets	
Programs	Standard program; ProgramConsult; Individual program (1-3, individually programmable); First interrogated program; Safe program

BIOTRONIK Home Monitoring®

Transmitted data	AF diagnostics; Heart Failure Monitor diagnostics; Detection and therapy counters; Statistics; Lead measurement values; Battery and system status; ICD program parameters
Message types	
Trend message	Triggered automatically once every 24 hours
Event message	Triggered automatically after certain cardiac events
Test message	Triggered manually via programmer
Programmer settings	
Home Monitoring	OFF; ON
IEGM for therapy episodes	OFF; ON
IEGM for monitoring episodes	OFF; ON
Ongoing atrial episode	OFF; 6 h; 12 h; 18 h
Home Monitoring-supported follow-up	
Remote Scheduling	Enable; Disable
HM follow-up intervals/alignment	Individually programmable first date and repetition intervals varying from 20-366 days; Alignment with a specific day of the week; Only working days or no day alignment
Intermediate HM follow-up	Can be requested at any time via the Home Monitoring Service Center
Transmitted data	Periodic IEGM; Rate histogram (A, V); Device settings and statistics

Please refer to the technical manual of the device for further technical information.