



Accessories and contact

article
RF liveGEN generator
RF liveCOOL irrigation pump
RF liveCOMMANDER remote control
Adapter cables to various ablation catheters
required accessories

For more information regarding accessories and ordering contact livetec or your dedicated distributor.

engineered & manufactured by:
 livetec Ingenieurbuero GmbH
 Marie-Curie-Straße 8 · 79539 Loerrach · Germany
www.livetec.de

Visit our website for other innovative products and more information: www.livetec.de

Pace T10 and Pace T20 external pacemakers:



liveECG wireless Holter-ECG:



RF liveCATH

RF ablation system
Dual bipolar RF ablation



Technical specification / Features

RF liveGEN - generator

- RF power: up to 100W
- Ablation frequency: 500 kHz high quality sinus wave
- Temperature or power controlled
- Wide range derating (20 - 400 Ohm)
- Thermo coupled and thermistor temperature sensors

RF liveCOOL - irrigation pump

- 1 - 60 ml/min (flush flow: up to 80 ml/min)
- 3 separately adjustable flow rates (low flow, high flow, flush flow)
- Digitally adjustable
- High efficiency, low noise

RF liveCOMMANDER - remote control

- 1:1 user interface adaption of livetec RF ablator and pump
- Foot switch interface

Safety features

- Safety tube pressure sensor
- Bubble detector for bubbles $\leq 2 \mu\text{l}$
- Flow control
- Warns if the flushing liquid is near to empty

All products are made in Germany!





Dual catheter ablator / RF **liveGEN**

significant product features / intended use:

- Cardiac ablation procedure, pulmonary vein isolation, pulmonary atresia, tricuspid insufficiency, renal artery ablation and all standard RF procedures
- Modes: unipolar, bipolar and dual catheter ablation, pace & ablate, supports 2 catheters and neutral electrodes
- User defined settings for ablation can be saved in the presets
- High efficiency and low noise
- Easy-to-use and clean
- Big, high resolution color touch screen
- Digital and analog interfaces to EP systems and catheter positioning systems / precise filter for very excellent intracardiac signals
- RF **liveCOOL** irrigation pump double interface: up to two RF **liveCOOL** pumps connectable

Irrigation pump / RF **liveCOOL**

significant product features / intended use

- Irrigation pump for ablation catheter cooling and flushing
- Supports all standard ablation procedures
- Low noise, five wheel pump
- Digital interface to the RF **liveGEN** generator (control of all pump parameters)
- High resolution touch screen: easy to use and applicable
- Very small effort for cleaning and disinfection
- State of the art safety features
- Optional: remote control available (RF **liveCOMMANDER**)

Remote control / RF **liveCOMMANDER**

livetec smart remote control

- The RF **liveCOMMANDER** combines the user interface of the RF **liveGEN** and RF **liveCOOL**
- 1:1 user interface adaption of livetec RF ablator and irrigation pump
- All parameters on one view
- Intuitive use and access to all device parameters
- Big touch screen: easy to use and applicable
- Very small effort for cleaning and disinfection
- Interface for foot switch:
Full control of parameters and energy output from patient table or control room, without the need to access the generator or pump

living

technology

for life