Block Diagram Description

sensiLift is operated by medical approved Wall Mount 9V 13.5W Adapter. It is galvanic isolated and IEC60601-1, 1-2 approved.

All sensiLift functions are controlled by a internal microcontroller. The controller generates the basic 1Mhz frequency from internal oscillator. It is amplified by internal driver and transformer. The final RF signals are connected to two treatment fingers that are rotated by an internal controlled mini motor.

An RF sense feedback measured by the microcontroller in order to control the RF amplitude and to ensure that no RF signal will be produced in case there is no contact with the patient skin.

Temperature sensors located on each one of the treatment fingers, are measured by the microcontroller. The Controller define if RF is permitted as result of the measured temperature and the RF sense feedback.