

MAGLIFE RT-1

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Revolutionary patient monitoring in the MRI environment

SCHILLER



**SCHILLER**  
The Art of Diagnostics

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Revolutionary patient monitoring in the MRI environment

SCHILLER, manufacturer of MRI-compatible monitors since 1993, presents the MAGLIFE RT-1:

- ✧ Wireless ECG and SpO<sub>2</sub> sensors
- ✧ Spirometry
- ✧ Optical temperature measurement
- ✧ Touch screen interface



The wireless sensors are easily recharged onto their dedicated cradles.

The MAGLIFE RT-1 performs patient monitoring in an MRI environment including all necessary vital parameters during anaesthesia. The system is designed for all patients: adults, children and neonates. It allows for close monitoring during the examination and can be fully controlled from outside the Faraday cage.

## EXTENDED AREA OF USE

The MAGLIFE RT-1 is compatible with MRI systems from any manufacturer that have a field strength between 0.2 and 3 tesla. The use is versatile: for everyday use, for monitoring under anaesthesia or for cardiac imaging.

## ARTIFACT-FREE ECG

The MAGLIFE RT-1 uses a patented ECG processing that guarantees a very high gradient artefact immunity.

## OPTICAL TEMPERATURE MEASUREMENT

Using the optical measuring principle for temperature guarantees safe operation and immunity to electromagnetic interference.

## 10 VITAL PARAMETERS AT A GLANCE

The quick and easy-to-use interface provides simultaneous monitoring of 10 vital parameters at a glance:

- ✧ ECG, Sp O<sub>2</sub>, NIBP (standard)
- ✧ IBP (optional)
- ✧ etCO<sub>2</sub>, anaesthetic agent, SpO<sub>2</sub>, NO (optional)
- ✧ Spirometry (optional)
- ✧ Temperature (optional)

The monitored parameters can be combined on the display in seven different ways, according to the customer's needs.

## WIRELESS SENSORS

SCHILLER offers wireless ECG and SpO<sub>2</sub> sensors:

- ✧ Wireless: A technological innovation for ease of use.
- ✧ Compact: Thanks to their small size, the sensors are suitable for all types of patients, even premature babies.
- ✧ Safe connect: Once paired, the sensors automatically reconnect to the MAGLIFE RT-1.

## INTUITIVE INTERFACE

Equipped with a large 15.6" colour TFT touch screen, the MAGLIFE RT-1 offers a powerful Touch'n'Save interface.

## SPIROMETRY MEASUREMENT

Spirometry monitors patient's respiratory mechanics in addition to the anaesthetic agent surveillance.

## MOBILITY

The trolley allows the patient monitor to be used as close as 50 cm from the MR device.

In addition, mains or battery operation allow for greater mobility and flexibility between patient prep and the MR scan.



## REMOTE CONTROL

The MAGLIFE RT-1 can be controlled remotely from the MAGSCREEN RT-1 outside the Faraday cage:

- ✦ View the patient's vital parameters from the control room.
- ✦ Full control of the MAGLIFE RT-1 monitor and adjustment of all parameters and functions.

## WIRELESS DATA TRANSMISSION

The MAGLIFE RT-1 communicates with the remote display unit MAGSCREEN RT-1 via fibre optic, Ethernet and WLAN, offering a safe Faraday cage penetration.





SCHILLER, founded in 1974 by Alfred E. Schiller is a successful group with 31 subsidiaries and a global sales network. Today, SCHILLER is a world-leading manufacturer and supplier of devices for cardiopulmonary diagnostics, defibrillation and patient monitoring as well as software solutions for the medical industry.

Over the past 25+ years, Schiller India has established itself as a leader in the medical technology sector. With 450+ employees, a state-of-the-art ISO 13485-certified production centre in Puducherry, and multiple R&D centres across the globe, Schiller India makes advanced healthcare equipment accessible through a network of 100 sales and service dealers across more than 45 locations. Our product range includes Critical Care, Anaesthesia, Emergency Care, Cardiology, Respiratory Diagnostics, Radiology, and Robotics.

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