

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 SpO₂ 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, SpO₂, NIBP (standard)
- ✧ IBP (optional)
- ✧ etCO₂, anaesthetic agents, O₂, N₂O (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 SpO₂ 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.



Americas
SCHILLER Americas Inc.
Doral, Florida 33172

North America:

Phone +1 786 845 06 20
Fax +1 786 845 06 02
sales@schilleramericas.com
www.schilleramericas.com

Latin America & Caribbean

Phone +1 305 591 11 21
Fax +1 786 845 06 02
sales@schilleramericas.com
www.schilleramericas.com



Asia
SCHILLER Asia-Pacific / Malaysia
52200 Kuala Lumpur, Malaysia
Phone +603 6272 3033
sales@schiller.com.my
www.schiller-asia.com



Austria
SCHILLER Handelsgesellschaft m.b.H.
A-4040 Linz
Phone +43 732 70 99 0
sales@schiller.at
www.schiller.at



China
Alfred Schiller (Beijing) Medical Technology Co., Ltd.
100102 Beijing, China
Phone +86 10 84565453
info@schillerchina.com
www.schillermedical.cn



Croatia
SCHILLER d.o.o.
10000 Zagreb
Phone +385 1 309 66 59
info@schiller.hr
www.schiller.hr



France
SCHILLER Médical
F-67160 Wissembourg
Phone +33 3 88 63 36 00
info@schiller.fr
www.schiller.fr



France (distribution France)
SCHILLER France S.A.S.
F-77608 Bussy St Georges
Phone +33 1 64 66 50 00
contact@schillerfrance.fr
www.schiller-france.com



Germany
SCHILLER Medizintechnik GmbH
D-85622 Feldkirchen b. München
Phone +49 89 62 99 81 0
info@schillermed.de
www.schillermed.de



India
SCHILLER Healthcare India Pvt. Ltd.
Mumbai – 400 059, India
Phone +91 22 6152 3333 / 2920 9141
sales@schillerindia.com
www.schillerindia.com



Poland
SCHILLER Poland Sp. z o.o.
PL-02-729 Warszawa
Phone +48 22 843 20 89 / +48 22 647 35 90
schiller@schiller.pl
www.schiller.pl



Russia & C.I.S.
AO SCHILLER.RU
119049 Moscow, Russia
Phone +7 (495) 970 11 33
mail@schiller.ru
www.schiller.ru



Serbia
SCHILLER d.o.o.
11010 Beograd
Phone +381 11 39 79 508
info@schiller.rs
www.schiller.rs



Slovenia
SCHILLER d.o.o.
2310 Slovenska Bistrica
Phone +386 2 843 00 56
info@schiller.si
www.schiller.si



Spain
SCHILLER ESPAÑA, S.A.
E5-28232 Las Rozas/Madrid
Phone +34 91 713 01 76
schiller@schiller.es
www.schiller.es



Switzerland
SCHILLER Schweiz AG
CH-8912 Obfelden
Phone +41 44 744 30 00
sales@schiller-schweiz.ch
www.schiller-schweiz.ch



Turkey
SCHILLER TÜRKİYE
Okmeydanı-Sisli – Istanbul
Phone +90 212 210 8681 (pbx)
Fax +90 212 210 8684
info@schiller.com.tr
www.schiller-turkiye.com



United Kingdom
SCHILLER UK Ltd.
Anstruther, Fife KY10 3H
Phone +44 1333 312150
sales@schilleruk.com
www.schilleruk.com

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