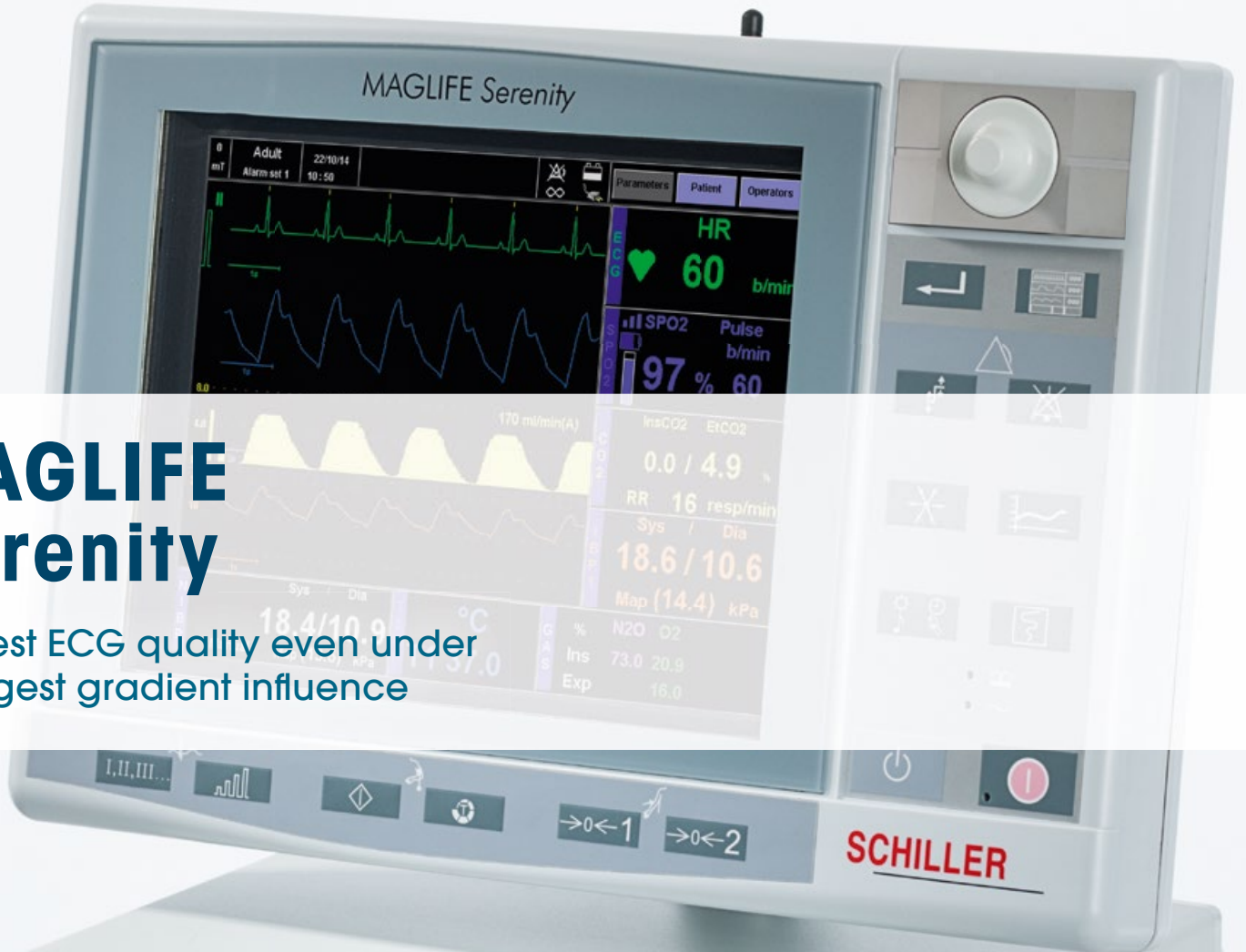


MAGLIFE Serenity

MAGLIFE Serenity

Highest ECG quality even under strongest gradient influence



SCHILLER



SCHILLER
The Art of Diagnostics

MAGLIFE SERENITY

The **MAGLIFE Serenity** provides the guarantee for highest safety: **SCHILLER** is one of the few leading suppliers of MRI compatible patient monitoring systems worldwide. Even under strongest gradient influence the **MAGLIFE Serenity** guarantees highest ECG quality during magnetic resonance imaging (MRI) scanning.



The MAGLIFE Serenity monitors all vital parameters during anaesthesia in an MRI environment and the system can be totally controlled from outside the Faraday cage.

A STATE-OF-THE-ART MONITORING SYSTEM FOR MRI EXAMINATIONS

SCHILLER provides ECG recording which is based on the MR technology. This procedure reduces the risk of burns as well as signal interference to a minimum and permits a standardised operation just like in a conventional environment.

The MAGLIFE Serenity is specifically developed for use during anaesthesia of adults, children and neonates in an MRI environment and allows for special monitoring during the examination.

ECG RECORDING

The patented ECG preparation guarantees a very high protection against gradient artefacts, which makes the MAGLIFE Serenity the ideal device for cardiovascular application.

GATING

Up to three outputs for vital parameters are available. Both analogue and digital outputs ensure compatibility with all types and brands of MRI devices.

WIDE OPERATIONAL RANGE

The MAGLIFE Serenity is compatible with 0.2 Tesla to 3.0 Tesla imagers of all manufacturers. It has been developed for everyday use, but also to meet the highest requirements in anaesthesia, cardiology and haemodynamics in an MRI environment.

OPTICAL MEASUREMENT OF TEMPERATURE

The optical measuring method permits an unrestricted and safe positioning of the temperature sensor, even in high-field MRIs.

MOBILITY

The ease with which the MAGLIFE Serenity can be moved quickly to the patient or the MRI is a significant advantage. Moreover, operation via mains or battery gives additional mobility and flexibility. The MAGLIFE Serenity provides a patient-orientated data management and documentation in every situation. Since the MAGLIFE Serenity can be connected to the MAGSCREEN, the system can be used with several MRIs in a confined space.



WIRELESS SpO₂ OPTION

Simply connect the wireless front end to the patient's finger or toe and you are ready to start.



WIRELESS DATA TRANSMISSION

The MAGLIFE Serenity is based on the latest WLAN technology; therefore, the MAGLIFE Serenity and the display unit can communicate via optical fibre cable, Ethernet or WLAN.

SAFE SpO₂ MEASUREMENT

SCHILLER provides either wireless or optically wired SpO₂. The wireless solution provides total mobility around the MRI and reduces patient installation time.

MONITORING THE MAGNETIC FIELD

The built-in continuous magnetic stray field analysers offer the highest safety. Alarms and shutdowns can be triggered at any time during operation and even when the device is switched off.

USER-FRIENDLY FEATURES

Clearly visible colour screens on the TFT monitor as well as on the display unit and easy-to-use software guarantee a user-friendly operation. Easy and quick transport ensures ideal flexibility. The MAGLIFE Serenity can be placed on the MR compatible anaesthesia cart. The simultaneous monitoring of 32 vital parameters gives you the overview at all times.

MAGSCREEN SERENITY

The remote display unit gives total control over the main device. An interruption of the MRI examination is only necessary if required by the patient's condition.



Asia
SCHILLER Asia-Pacific / Malaysia
 52200 Kuala Lumpur, Malaysia
 Phone +603 6272 3033
 Fax +603 6272 2030
sales@schiller.com.my
www.schiller-asia.com



Austria
SCHILLER Handelsgesellschaft m.b.H.
 A-4040 Linz
 Phone +43 732 709 90
 Fax +43 732 757 000
sales@schiller.at
www.schiller.at



China
Alfred Schiller Medical Equipment Co. Ltd.
 100015 Beijing, China
 Phone +86-10-84565453
info@schillermedical.com
www.schillermedical.cn



France
SCHILLER Médical S.A.S.
 F-67162 Wissembourg/Cedex
 Phone +33 3 88 63 36 00
 Fax +33 3 88 94 12 82
info@schiller.fr
www.schiller-medical.com



France (distribution France)
SCHILLER France S.A.S.
 F-77600 Bussy St Georges
 Phone +33 1 64 66 50 00
 Fax +33 1 64 66 50 10
infoschiller@schiller-france.fr
www.schiller-france.com



Germany
SCHILLER Medizintechnik GmbH
 D-85622 Feldkirchen b. München
 Phone +49 89 62 99 81-0
 Fax +49 89 609 50 90
info@schillermed.de
www.schillermed.de



Hungary
SCHILLER Diamed Ltd.
 H-1141 Budapest
 Phone +36 (1) 383-4780 / 460-9491
 Fax +36 (1) 383-4778
sales@schiller.hu
www.schiller-hungary.hu



India
SCHILLER Healthcare India Pvt. Ltd.
 Mumbai - 400 001, India
 Phone +91 22 6152 3333/ 2920 9141
 Fax +91 22 2920 9142
sales@schillerindia.com
www.schillerindia.com



Croatia
Schiller medicinski instrumenti d.o.o.
 10000 Zagreb
 Phone +385 1 309 66 59
 Fax +385 1 309 66 60
info@schillerzg.hr
www.schiller.ch



Latin America
SCHILLER Latin America, Inc.
 Doral, Florida 33172
 Phone +1 954 673 0358
 Fax +1 786 845 06 02
sales@schillerla.ch
www.schillerla.ch



Poland
SCHILLER Poland Sp. z o.o.
 PL-02-729 Warszawa
 Phone +48 22 8432089
 Fax +48 22 8432089
schiller@schiller.pl
www.schiller.pl



Russia & C.I.S.
SCHILLER AG Rep. office
 125124 Moscow, Russia
 Phone +7 (495) 970 11 33
 Fax +7 (495) 970 11 33
mail@schiller-ag.com
www.schiller-cis.com



Serbia
SCHILLER d.o.o.
 11010 Beograd
 Phone +381 11 39 79 508
 Fax +381 11 39 79 518
info@schiller.rs
www.schiller.rs



Slovenia
SCHILLER d.o.o.
 2310 Slovenska Bistrica
 Phone +386 2 843 00 56
 Fax +386 2 843 00 57
info@schiller.si
www.schiller.si



Spain
SCHILLER ESPAÑA, S.A.
 E-28230-Las Rozas/Madrid
 Phone +34 91 713 01 76
 Fax +34 91 355 79 33
schiller@schiller.es
www.schiller.es



Switzerland
SCHILLER-Reomed AG
 CH-8953 Dietikon
 Phone +41 44 744 30 00
 Fax +41 44 740 37 10
sales@schiller-reomed.ch
www.schiller-reomed.ch



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



USA
SCHILLER America Inc.
 Doral, Florida 33172
 Phone +1 786 845 0620
 Fax +1 786 845 06 02
sales@schilleramerica.com
www.schilleramerica.com

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