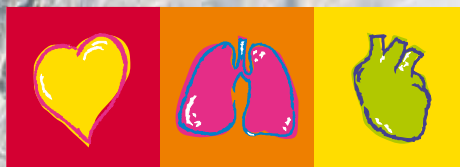




FRED easyport

The World's First Pocket Defibrillator



SCHILLER

The Art of Diagnostics

FRED easyport

A Swiss Precision Masterpiece

The new external defibrillator that is so small and light it fits in every coat pocket and every doctor's bag, and still meets all requirements of a modern AED (Automatic External Defibrillator).

With SCHILLER's FRED® easyport®, a new chapter in the history of early defibrillation begins. Its small size and light weight make the FRED® easyport® the ideal companion of physicians, paramedics, public service staff and other persons trained in early defibrillation. Risk patients carry their own rescue device after they and their families have been introduced by their doctor. This dramatically reduces the response time to treat ventricular fibrillation and tachycardias, granting the victims a much better chance of survival.

SCHILLER AG
pioneering company
since 1974

- Light – only 490 grams (incl. batteries)
- Small – only 133 x 126 x 35 mm
- High-resolution LCD
- Manual mode option



The incredibly small pocket defibrillator with the effective and myocardium-saving energy emission called *MULTIPULSE BIOWAVE*® is an important milestone in the history of defibrillation. ^(1,2,3) Independent studies have also shown that *MULTIPULSE BIOWAVE*® causes much fewer ST alterations in the ECG ⁽⁴⁾ and triggers significantly less CK and myoglobine in the blood ⁽⁵⁾. This reduced myocardium damage increas-

es the chance of survival especially for ischemic hearts ⁽⁶⁾. The excellent defibrillation effectivity is reflected by the extremely short post shock phase.

⁽¹⁾ CANSSELL A. et al. Impulses or a series of impulses and device to generate them. US Patent 6,493,580. Priority date FR Jan. 27, 1999

⁽²⁾ VALENCE A. La Défibrillation Semi-Automatique par les Sapeurs-Pompiers de Nancy. Thèse. Faculté Médecine de Nancy. France. 2002

⁽³⁾ SCHLENK G. Early Defibrillation Programm. Deutsches Rotes Kreuz Leipzig. 2002

⁽⁴⁾ TRENDAFILOVA et al. Clinical Study *MULTIPULSE BIOWAVE*® vs. Monophasic pulses. SCHILLER Internal Report. 2003

⁽⁵⁾ FUMAGALLI S. et al. External Cardioversion of Atrial Fibrillation in Young and Old Patients: Results of a Randomized Trial Comparing Biphasic and Monophasic Shock. American Heart Association. Scientific Sessions. Orlando, Florida. 2003

⁽⁶⁾ CANSSELL A. Wirksamkeit und Sicherheit neuer Impulskurvenformen bei transthorakaler Defibrillation. Notfall & Rettungsmagazin 3: 458-474, 2000



Technical Data

Dimensions: 133 mm x 126 mm x 35 mm (l x w x h)

Weight: 490 g

Defibrillation waveform: Pulsed biphasic - MULTIPULSE BIOWAVE®

Energy*:

- Configurable from 1 to 120 J or optional 150 J (adults),
from 1 to 70 J (children)

- Automatic recognition when children pads are connected

Manual mode (option): Override of the AED mode to decide energy level and shock delivery. Charging is commenced with the blue ANALYSIS button and shock delivered with the orange SHOCK button.

Power supply: Li-MnO₂ cell

Screen: LCD 60 x 40 mm, high resolution with LED background lighting, text display, ECG display (configurable)

Defibrillation electrodes:

- Adults: 63 cm² surface area per electrode.

- Paediatric: 38 cm² surface area per electrode.

- Electrode cable length: 1.60 m

Standards: The unit complies with all relevant standards for patient safety and operating conditions.

Memory: Mini SD card (option) for ECG and event recording

Software update: Via interface from PC / laptop

* The energy levels of the unit are defined by the unit software configuration. Other values can be set by SCHILLER AG.

Technical data are subject to change without prior notice. No liability is assumed for pictures.



SCHILLER's FRED easyport® is also available with the **manual shock option** i.e. the doctor can switch off the AED mode and decide whether he wants to defibrillate or not.



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 +86-010-52007020
diamond@schillermedical.com
www.schiller.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 62 99 81-54
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.at
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



Japan
SCHILLER Japan, Ltd.
Hiroshima 734-8551
Phone +81 82 250 2055
Fax +81 82 253 1713
koji.maekawa@schiller.jp
www.schiller.jp



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
info@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 TÜRKİYE
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



SCHILLER

The Art of Diagnostics

