

ARGUS PRO LifeCare

Enjoy the Power of Lightweight Patient Monitoring in Emergency Care

One of the most powerful intensive care patient monitors goes mobile – with defibrillator and transcutaneous pacemaker!

Whatever the requirement - emergency care, inter-hospital or in-house patient transfer. The ARGUS PRO LifeCare assists you without compromise. All this power in a unique, compact 2.1 kg package.

The ARGUS PRO LifeCare covers:

- Full diagnostic ECG (I, II, III, aVR, aVL, aVF, V₁-V₆)
- NIBP
- SpO₂ with plethysmogram
- etCO₂ with capnogram
- 2 temperatures
- 2 invasive blood pressures
- Defibrillator with AED and MANUAL mode
- Transcutaneous pacemaker

The bright, clear 4.8" screen can display 3 waveforms with 7 temperatures providing a complete patient overview. All acquired data, including voice recording, is stored by the ARGUS PRO LifeCare for later external review or case analysis.

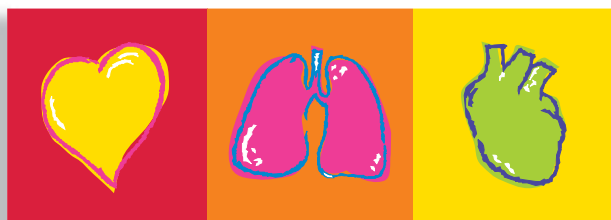
The combination of SCHILLER Multipulse Biowave® AED/manual defibrillator, pacemaker and monitoring functions is unique and opens many new horizons in emergency care and hospital applications.



ARGUS PRO LifeCare can additionally be used in combination with the ARGUS PRO Transport monitor to provide the full range of patient monitoring.

Optional:

- Shock frame with rescue bag and handle
- etCO₂ mainstream sensor
- External thermal 3-channel printer
- ARGUS PRO LifeCare charging unit
- Full range patient monitoring with ARGUS PRO Transport



SCHILLER

The Art of Diagnostics

Technical Specifications ARGUS PRO LifeCare:

General data:

Dimensions: 210 x 115 x 90 mm (w x h x d)

Weight: 2.1 kg

Power supply: Lithium ion battery 10.4 V, 4.3 Ah, capacity for at least 50 shocks at 120 J and 3.5 hours monitoring

Backup supply monitoring: Lithium ion battery 7.2 V, 2.2 Ah for additional 1.5 hours monitoring (defibrillation not possible)

External power supply: 7 to 12 VDC (supplied by ARGUS PRO SL or ARGUS PRO Transport)

Power consumption: < 25 W

Connection to ARGUS PRO Transport: Via RS-232 TTL

Safety standard: EN 60601-1

Protection class: Applied part monitoring CF, Defibrillation and Pacemaker BF

Conformity: MDD 93/42/EEC; class IIb

Additional Standard: RTCA/DO 160-D (Sect.: 7, 8, 15, 16, 17, 21, 22, 23, 25, Cat.: A) (pending) EN 1789 (pending) EN 13718 (pending)

Environmental conditions:

- Temperature, operating: -10° to 40° C/14° to 104° F
- Temperature, storage: -10° to 50° C/14° to 122° F
- Relative humidity: 25 to 95 %, non condensing

Measured parameters:

ECG:

Sampling frequency: 1000 Hz

Leads: Simultaneous acquisition of leads I, II, III, aVL, aVF, aVR, V1-V6

Artefact suppression: On/off

Pacemaker detection:

- Amplitude: min. 1 to 2 mV
- Atrial and ventricular pacemakers

ECG diagnostic with ARGUS PRO Transport:

- Basic arrhythmia analysis
- Extended arrhythmia analysis
- Resting ECG
- ST measurement/analysis

Respiration with ARGUS PRO Transport:

Measuring method: Thorax impedance method

- Respiration rate: 0 to 200/min
- Impedance: 0.1 to 3.0 Ohm
- Apnea: 15 to 35 sec

SpO₂:

Measuring method: Masimo SET™

Parameters: SpO₂, PP (peripheral pulse)

NIBP:

Parameters: SYS, MEAN, DIA, Pulse

Measurements: Single, automatic, short-time (15 min)

2 invasive blood pressures:

Parameters: SYS, MEAN, DIA, Pulse

Measuring range: SYS, MEAN, DIA: -400 to 400 mmHg

Note: Display of both IBPs at the same time is only possible with the ARGUS PRO Transport

Temperature:

Number of inputs: 2 inputs for simultaneous measurement of 2 temperatures

etCO₂ Mainstream:

Range accuracy: CO₂ 0 - 10 % ± 0.3 % ABS or ± 6 %

Respiration rate: ± 1/min

Mainstream agent detection with ARGUS PRO Transport:

Range accuracy:

O₂ 10 - 100 % ± 3 % ABS

N₂O 0 - 100 % ± 2 % ABS or ± 6 % REL

HAL, ISO, ENF 0 - 6 % ± 0.3 % ABS or ± 6 % REL

SEV 0 - 9 % ± 0.3 % ABS or ± 6 % REL

DES 0 - 22 % ± 0.3 % ABS or ± 6 % REL

Defibrillator/Transcutaneous pacemaker:

Defibrillation mode: AED and manual mode

Waveform: Multipulse Biowave®

Capacity: 50 shocks ~ 120J and 3.5 hours monitoring

AED:

Standard applied energy: 120 - 120 - 120 Joules;

different energy levels can be factory defined

Manual mode:

Energy manual adjustable: 15, 30, 50, 70, 90, 110, 120, 150 Joules

Transcutaneous pacemaker:

Mode: On demand

Output current: 0 - 150 mA, steps of 5 mA

Output rate: 40 - 200/min steps of 5 mA

All specifications are based on an environmental temperature of 25° C (if not separately indicated).

Technical data and images are subject to change without notice.

Asia
SCHILLER Asia-Pacific
7 Jalan Ara SD 7/3B
Bandar Sri Damansara,
52200 Kuala Lumpur
Malaysia
Phone +603 6272 3033
Fax +603 6272 2030
sales@schiller.com.my
www.schiller-asia.com

Austria
SCHILLER Handelsgesellschaft mbH
Kampmüllerweg 24
A-4040 Linz
Phone +43 732 70 99-0
Fax +43 732 757 000
sales@schiller.at
www.schiller.at

C.I.S. & Russia
SCHILLER AG
Moscow Representative Office
Office 414
1-st Yamskogo Polya Street 15
125124 Moscow, Russia
Phone/Fax
+7 (495) 970 11 33,
+7 (495) 956 29 10
mail@schiller-ag.com
www.schiller-cis.com

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

France (office Paris)
SCHILLER Médical S.A.S.
7, rue Raul Follereau
Bussy Saint Georges
F-77608 Marnes la Vallée/Cedex
Phone +33 1 64 66 50 00
Fax +33 1 64 66 50 10
info@schiller.fr
www.schiller-france.com

Germany
SCHILLER Medizintechnik GmbH
Rudolf-Diesel-Strasse 14
D-85521 Ottobrunn
Phone +49 89 62 99 81-0
Fax +49 89 609 50 90
info@schillermed.de
www.schillermed.de

India
SCHILLER Healthcare India Pvt. Ltd.
D.C. Silk Mills Compound, 'A' Wing,
1st floor
5, Chunawala Estate, Kondivita Lane
Andheri-Kurla Road, Andheri (E)
Mumbai - 400 059, India
Phone +91 22 2826 3520
Fax +91 22 2826 3525
mail@schillerindia.com
www.schillerindia.com

Japan
SCHILLER Japan, Ltd.
Biomedical Research Building 218
1-2-3 Kasumi, Minami-Ku
Hiroshima 734-8551
Phone +81 82 250 2055
Fax +81 82 253 1713
koji.maeakawa@schiller.jp
www.schiller.jp

Spain
SCHILLER ESPAÑA, S.A.
Ctra. de la Coruña
A-6 km.18,200
E-28230 Las Rozas/Madrid
Phone +34 91 713 01 76
Fax +34 91 355 79 33
schiller@schiller-es.com
www.schiller-spain.com

Switzerland
SCHILLER-Reomed AG
Riedstrasse 14
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
Halil Rifat Pasa Mah.
Darülaceze Cadd.
Perpa Ticaret Merkezi
B/Blok No: 41 K: 2
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.
11300 NW 41st Street
Miami, Florida 33178
Phone +1 786 845 06 20
Fax +1 786 845 06 02
sales@schilleramerica.com
www.schilleramerica.com

Your specialist:



SCHILLER

The Art of Diagnostics