

Innovative swiss medtech worldwide



SCHILLER was founded in 1974 by Alfred E. Schiller. Starting in a four-room flat as a one-man business, the company has become a successful group with around 1000 employees, 30 subsidiaries and a global sales network. Today, SCHILLER is a world-leading manufacturer and supplier of devices for cardiopulmonary diagnostics, rescue and patient monitoring as well as software solutions for the medical industry.

For more than four decades, SCHILLER has been committed to the fight against sudden cardiac death. While the most established manufacturers still sold heavy and bulky emergency devices, SCHILLER launched a handy emergency electrocardioscope that was ten times lighter. In one stroke the company not only made a name for itself, but also set new standards. Two years later, the smallest emergency ECG device with integrated printer followed. A built-in microcomputer allows the automatic measurement and interpretation of the ECG. This in turn enables the early detection of heart disorders. Thanks to suitable therapies and rehabilitation measures, physicians can thus protect people of all age groups from sudden cardiac death.

As success grew, so did the product portfolio: devices such as blood-pressure monitors and spirometers came to complete the offer, while complete diagnostic stations and monitoring devices are now being produced for clinics and medical practices.

SCHILLER has developed unique products, such as FRED easyport®, the world's smallest defibrillator.



One of the latest developments is the EASY PULSE®, the unbelievably small and light mechanical chest compression device. Performing manual chest compressions well for an extended period of time is almost impossible. Not only is it physically demanding, but other actions are also required simultaneously, such as vital signs monitoring. SCHILLER's EASY PULSE® is the solution for more effective resuscitation: this portable, stand-alone device delivers chest compressions automatically at a consistent rate and depth. Additionally, the EASY PULSE® belongs to the latest generation of automatic CPR devices. It has a unique combination of stamp and band which allows a 3D compression and therefore maximum efficiency. The weight of the device is evenly spread over the baseplate and not on a single point and therefore has no influence on chest compressions nor on the recoil.

This is evidenced by a recent story from Poland where for the first time an electrically driven CPR device like EASY PULSE® was used. The EASY PULSE® performed a consistently high quality of



the EASY PULSE®

chest compressions which would have been impossible to achieve with manual compressions.

When the rescuers reached the man in the Pilsko mountain he was already in a state of severe hypothermia with a body temperature of only 21 degrees celsius.

After restoring the vital functions, the man was evacuated to Korbielów. Even before the arrival he again suffered a cardiac arrest. The medical rescue team then transported the man using the EASY PULSE®, which performed multidirectional chest compressions on a regular frequency and pressure and helped to save this man's life.

However, resting on its laurels is not an option for SCHILLER because innovation is a priority for this Swiss company. Another example is the DIAGNOSTIC STATION DS20.

SCHILLER's DS20 simplifies the daily work:



- Main vital signs and physical assessment tools in one device.
- Ideal for arrhythmia and atrial fibrillation screening: one ECG channel for display, storage and printing, with only 3 electrodes and without undressing the patient.
- Large interactive touch screen and self-explanatory user interface for maximum user-friendliness.

www.schiller.ch