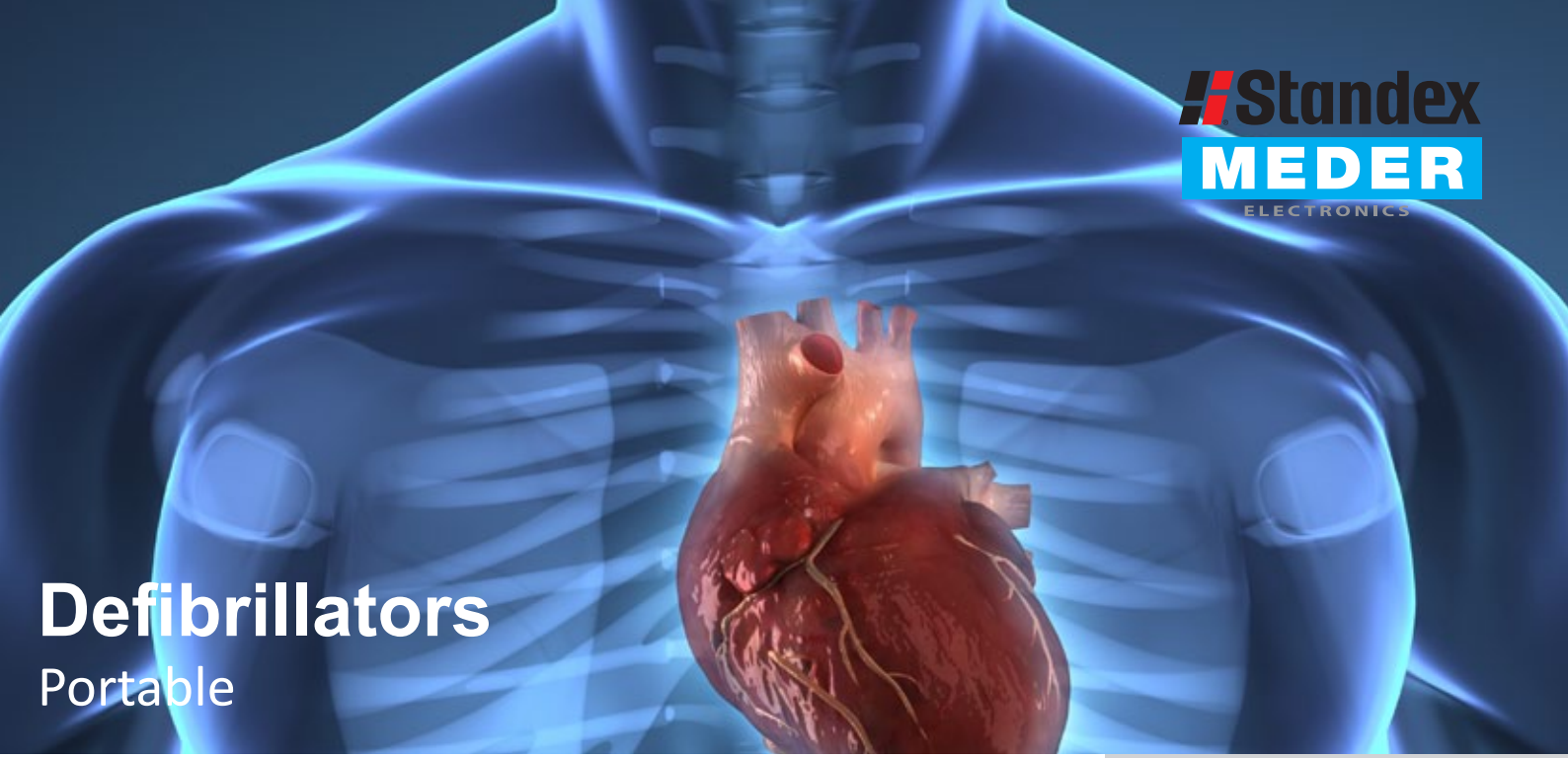


Defibrillators

Portable

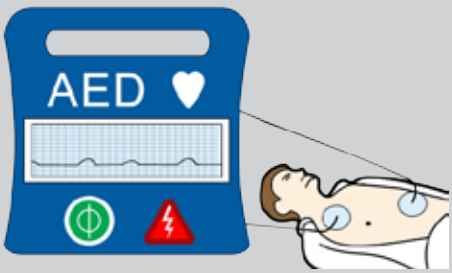
Every year many thousands of peoples' lives are saved by resuscitation with a defibrillator after their heart had stopped beating. In many cases, there is no time to get to the hospital to be resuscitated, therefore portable Automated External Defibrillators (AED) have been developed. These instruments can save lives and thus they require the best possible designs, and must be manufactured from the most reliable components available. An easy and safe initial operation is a must as they are often used by non-medically trained persons.

For ease of use, the devices have simple audio and visual commands, which start immediately you open the defibrillator cover. This opening process is detected by a sensor – reed sensors are perfect for this function. A reed sensor is fixed in the box with the defibrillator, with a magnet on the moveable lid. As soon as the lid opens, the switch will close, and the circuit as well as the defibrillator starts running. Even after years of inaction, Reed Sensors from Standex-Meder show no quality degradation thanks to their impermeability and low power consumption.

Another feature for ease of use is the automatic control of the heart stimulation. If repeated current shocks are required, a charging circuit in the defibrillator is activated to supply the next power burst. The charging circuit needs to be switched on and off in a reliable manner to a guaranteed fault free mode. Standex-Meder's special BE series is designed to meet the above requirements. The reed switches are selected to withstand at least 4000 volts across the open contacts and can also switch 1000 volts. Reed Relays from Standex-Meder are hermetically sealed which guarantees reliable operation.

3 Good Reasons:

Low power consumption
Long life expectancy
Hermetically sealed



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