



Shock360

Defibrillation and pacing

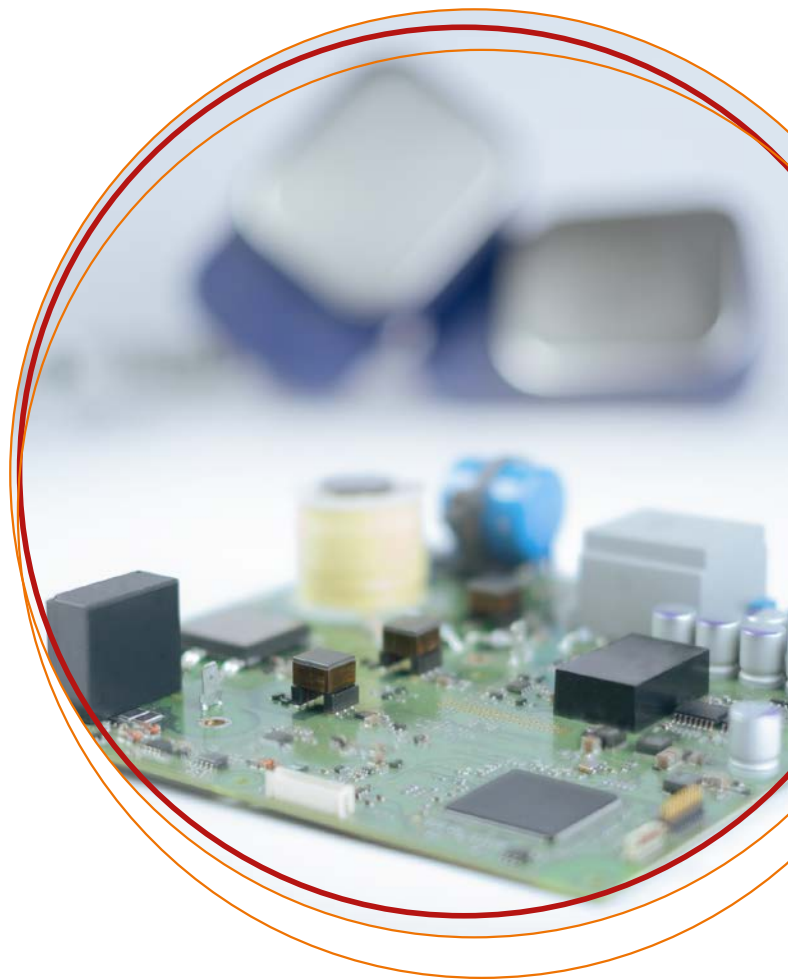
Realize professional and automated external defibrillators with our OEM defibrillation board **Shock360**. With its low charging time and high energy, **Shock360** is perfect for use in high performance defibrillators. All defibrillation technology features our proven ECG algorithms. With the optional attachable pacing board, **Shock360** can be supplemented with the important function of transthoracic pacemaker therapy.

FEATURES

- Biphasic pulse, energy or current controlled (adjustable)
- Shock energy up to 360 Joule
- Charging time under 5 seconds (depending on configuration)
- Pacing board optional - Shock360 can be used without pacing
- ECG interpretation through analysis algorithms

YOUR BENEFITS

- Easy and fast integration
- Small footprint
- Short charging time even with high energy
- Ready for approval process according to latest international regulations
- Flexible license models available (depending on region)
- More than 20 years of expertise in defibrillation



Defibrillation solutions. Faster.

TECHNICAL INFORMATION

Defibrillation energy:	0.5 J to 360 J (max. energy depending on HV capacitor)	
Pacing pulse:	Monophasic, up to 150mA at a frequency up to 300/min.	
Charging time:	< 5 s to 360 J (depending on configuration)	
Communication interface:	UART	
Patient leakage currents:	Type CF applied parts	
Voltage supply:	11 V to 21 V	
Input current:	max. 10 A	
Operating temperature:	-20 °C to +70 °C	
Humidity level:	< 95 %, non-condensing	
Air pressure level:	540 hPa to 1100 hPa	
	WITH PACING	WITHOUT PACING
Size of board:	170 mm x 170 mm x 65 mm (LxWxH)	170 mm x 170 mm x 40 mm (LxWxH)
Weight of board:	< 600 g	< 450 g

AVAILABLE ANALYSES

Heart rate measurements (0 to 330 bpm)
VF / VT detection
Asystole detection
Patient detection
QRS marker
Impedance measurements

CORSCIENCE GMBH & CO. KG

Hartmannstraße 65
91052 Erlangen, Germany

+49 91 31 / 97 79 86 - 0
info@corscience.com
www.corscience.com

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ABOUT CORSCIENCE

Corscience is the manufacturer-independent partner for defibrillation. We offer engineering services from the idea to development and the final regulatory approval as well as established and customizable solutions.