

# BDM75 / BDM75 SE

Reliable defibrillation



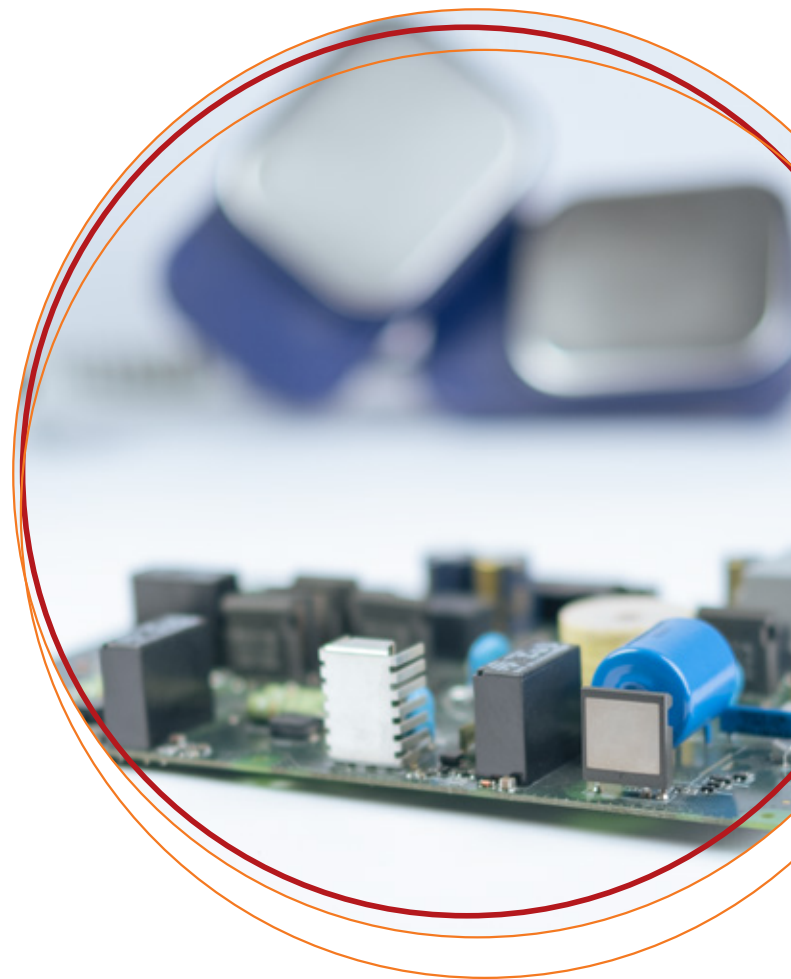
Realize professional and automated external defibrillators with our established OEM defibrillation boards BDM75 and BDM75 SE. Both are easily integrated and only need power, a communication interface (UART), an HV capacitor and a few digital in- and outputs (GPIO) signals. All defibrillation technology features our proven ECG algorithms.

## FEATURES

- Current controlled impulse
- Shock energy up to 300 Joule
- Applicable for pacing and cardioversion
- Numerous analyses available (heart rate measurements, VF/VT detection, etc.)
- Patient connection defibrillation protected

## YOUR BENEFITS

- Easy and fast integration
- Ready for approval process according to latest international regulation
- Flexible license models
- 20 years of expertise in defibrillation



**BETTER HIGHTECH.  
BETTER HEALTH.**

TECHNICAL INFORMATION	BDM75	BDM75 SE
Defibrillation impulse:	0.5 J to 300 J, biphasic (max. energy depending on HV capacitor)	
Communication interface:	UART / 230400 baud rate	
Patient leakage currents:	Type CF applied parts	
Pacemaker impulse:	0 mA to 200 mA, in steps of 5 mA 30 to 180 pace pulses	-
Supply voltage	10 V to 17 V	
Input current:	max. 10 A	
Operation temperature:	-20 °C to +70 °C	
Humidity level:	< 95 % non-condensing	
Air pressure level:	540 hPa to 1060 hPa	
Size of board:	170 mm x 242 mm x 40 mm (LxWxH)	170 mm x 180 mm x 37 mm (LxWxH)
Weight:	600 g	450 g

AVAILABLE ANALYSES
Heart rate measurements (30 to 300 bpm)
VF / VT detection
Asystole detection
Patient detection
QRS marker
Impedance measurements

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## ABOUT CORSCIENCE

Corscience GmbH & Co. KG is the one-stop shop and engineering specialist for medical technology.

We develop and produce OEM modules and products which help people and save lives.