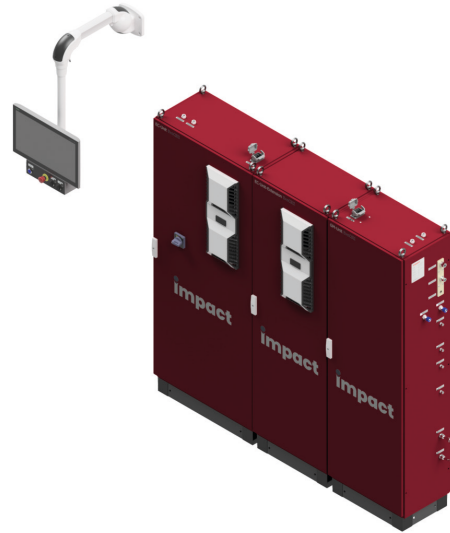


IMPACT EC-GM-UNIT EvoCSII

10006.00.0.00

Key facts:

- Interfaces for integration in a higher-level control or safety system
- Generation and recording of all process data
- Separation of electrical and gas control unit
- Intuitive and simplified operating concept
- Modular design



The Impact EC-GM-Unit EvoCSII is the main control unit of the Impact Spray System EvoCSII. Operation takes place via a touch display, which is optionally available with a support arm or a pedestal. A self-regulating control cabinet cooling ensures the necessary temperature control of the EC-Unit EvoCSII and the EC-Unit-Extension EvoCSII.

The EC-Unit EvoCSII serves as an electrical interface to all components. Thanks to the complete integration of all components, they can be controlled and monitored from a central control panel. All process data are permanently captured and recorded.

The GM-Unit EvoCSII is the gas control unit of the Impact Spray System EvoCSII. It is responsible for regulating all process, carrier and control gases.

The EC-Unit-Extension EvoCSII is the optional electrical extension of the EC-Unit EvoCSII, which creates space for the control of the Impact PH-Unit EvoCSII and future system components.

Various accessories are available as an option. Such as an energy meter, a 100 A or 160 A transformer and the option of an uninterruptible control voltage supply. External interfaces such as a field bus gateway or potential free contacts are also available. In order to be able to provide help quickly if there are problems with the system, there is the option of remote maintenance.

Technical data

Compatibility	Impact Spray System EvoCSII	
Operating pressure	max. 100 bar	
Nominal - capacity	61 kW	
Nominal - voltage	400 V / 480 V / 3 Ph AC	
Input frequency	50 - 60 Hz	
Backup	max. 160 A	
Process gas	N2	He
Flow rate	Max. 175 m ³ /h i.S.	Max. 260 m ³ /h i.S.
Input pressure	70 - 100 bar	40 - 100 bar
Flow rate compressed air	max. 2.2 m ³ /h i.S.	
Input pressure compressed air	5.5 - 8 bar	
Carrier gas	N2	
Number of carrier gas line	1 - 4	
Dimension EC-Unit EvoCSII	889 x 460 x 1990 mm	
Weight EC-Unit EvoCSII	240 kg	
Dimension EC-Unit-Extension EvoCSII	601 x 460 x 1955 mm	
Weight EC-Unit-Extension EvoCSII	210 kg	
Dimension GM-Unit EvoCSII	653 x 425 x 1990 mm	
Weight GM-Unit EvoCSII	200 kg	
Operating temperature	5 - 50 °C	
Controle cable length display	5 - 20 m	
Sound pressure in 1 m distance	70 dB(A)	