

NOZZLE COOLING UNIT

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By cooling the nozzle, it is kept at a constant low temperature. The lower the nozzle temperature, the lower the wear and tear and also the risk of nozzle clogging. The Impact Water Cooling EvoCSII has a significantly higher cooling capacity than the air cooling included in the standard scope. This results in more constant coating parameters, involving a consistent coating outcome.

Key facts:

Quick-change mechanism

With the help of the quick-change mechanism, fast and easy dismantling and assembly of the quick lock water cooling jacket to the quick lock nut is possible. The new type of nozzle clamping avoids tension on the nozzle. In addition, the nozzle is secured against accidental fall out during dismantling by adhering to the special sealing ring.

Seal system

Shrinking on the nozzle is no longer necessary with the new developed seal system, preventing possible seal or nozzle damage.

Cooling effect

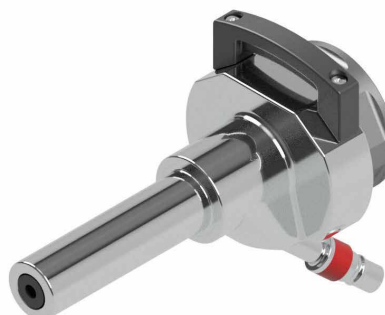
Because of the optimized water guidance, the nozzle is cooled more evenly and effective over the entire length. This reduces the risk of nozzle clogging. The increased cooling also reduces nozzle wear.

Dimensions

By revisioning the design, the nozzle cooling has become more compact. Now it is possible to better coat components that are difficult to access.

Water connections

The inclined arrangement of the water connections enables a tight hose routing on the gun. Also, the position of the connections can be variably adjusted. Color codings of the water connections reduces the risk of incorrect installation.



Technical data

Volume flow cooling circuit	Max. 22 l/min		
Nozzle length	109.7 mm	160.8 mm	210.8mm
Nozzle type	OUT2 / OUT8	OUT1 / OUT5 / OUT7	OUT3 / OUT4
Cooling power	5.3 kW	6.8 kW	6.7 kW
weight (without nozzle)	1.6 kg	1.7 kg	1.8 kg
Length	130 mm	180 mm	230 mm
Width	86 mm		
Height	118 mm		
Hose length	3 - 20 m		
Cooling medium	Water	Water with glycol	
Ambient temperature	5 - 50 °C		
Compatibility	Impact Water Cooling 5/11 Impact Water Cooling EvoCSII		