

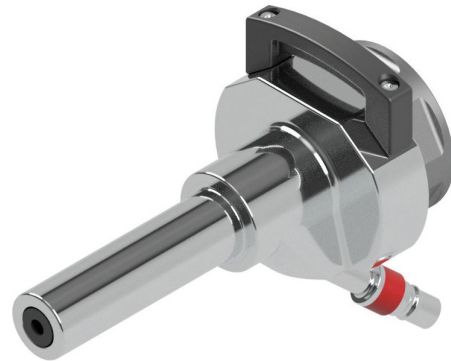
INJECTOR COOLING UNIT

10012.01.0.00

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.

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.

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 effectively over the entire length. This reduces the risk of nozzle clogging. The increased cooling also reduces nozzle wear.

Dimensions

By revising 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 reduce the risk of incorrect installation.

Technical data

Volume flow cooling circuit	Max. 22 l/min		
Nozzle length	109.7 mm (OUT2)	160.8 mm (OUT1 / OUT5)	210.8mm (OUT3 / OUT4)
Cooling power	2.9 kW	4.4 kW	4.3 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 (distilled) Water (distilled) with glycol		
Ambient temperature	5 - 50 °C		
Leakage control	weekly		
Compatibility	Impact Water Cooling 5/11	Impact Water Cooling EvoCSII	