

AUTOJET® E2150+ SPRAY CONTROLLER

The AutoJet® E2150+ Spray System is designed to be a perfect fit for advanced spray applications. The system optimizes the performance of up to 16 automatic spray nozzles for an efficient use of resources and a high quality end result.

In combination with the Pulsajet® automatic nozzle the system achieves very high cycling speeds. This allows adjustment of the flow rate based on changing operating conditions such as:

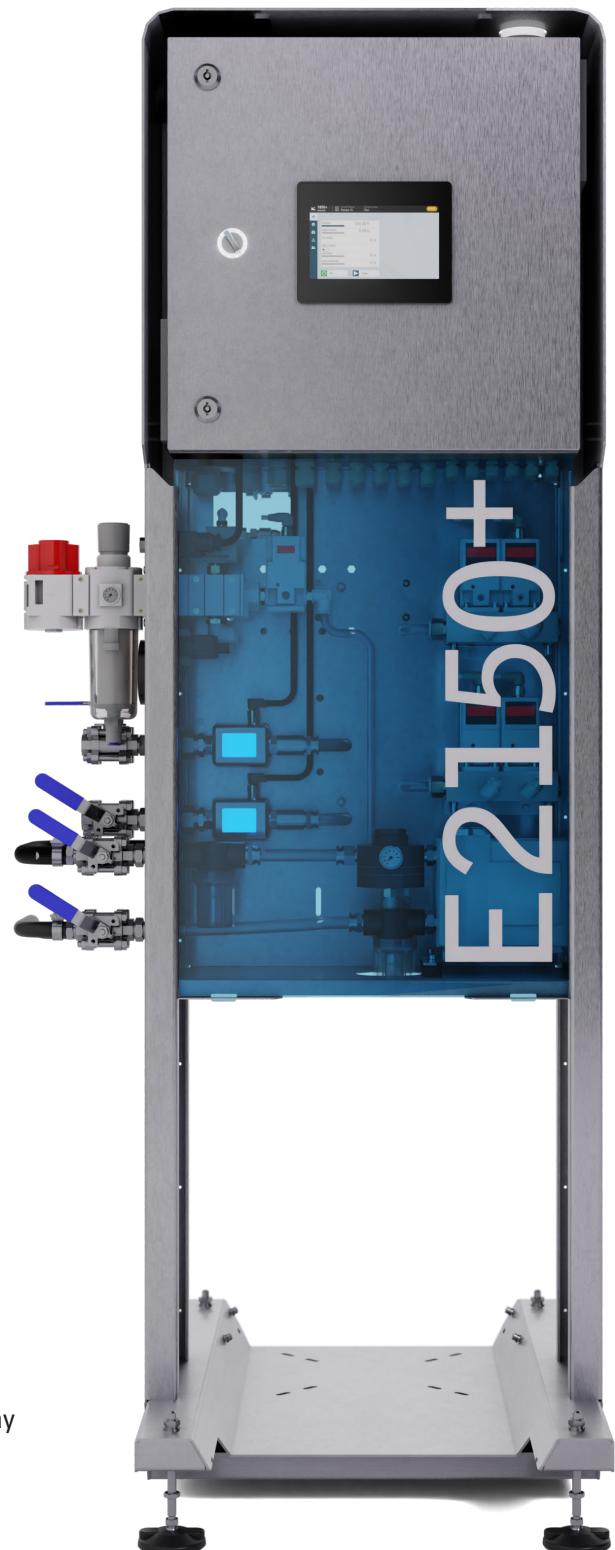
- Belt speed
- Pressure fluctuations
- Product change
- Recipes
- ... and much more

The automatic spray nozzles can be controlled via a single channel (max. 16 nozzles) or via two channels (each with max. 8 nozzles).

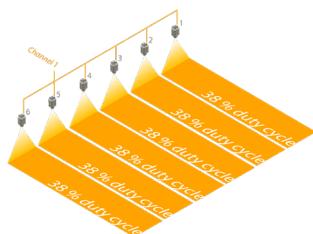
High precision editions also offer the following optional functionality:

- One flowmeter per channel for more accurate spraying
- Automatic liquid pressure and air pressure control
- Profinet support for full integration of your PLC

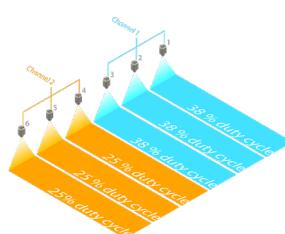
The AutoJet® E2150+ Spray System can be used as an autonomous spray system or can be integrated into any existing process control system.



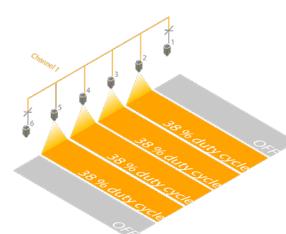
AUTOJET® E2150+ SPRAY CONTROLLER SPRAY LAYOUTS



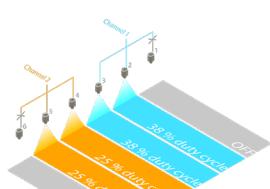
Single Channel



Dual Channel



Single Channel
with Zoning

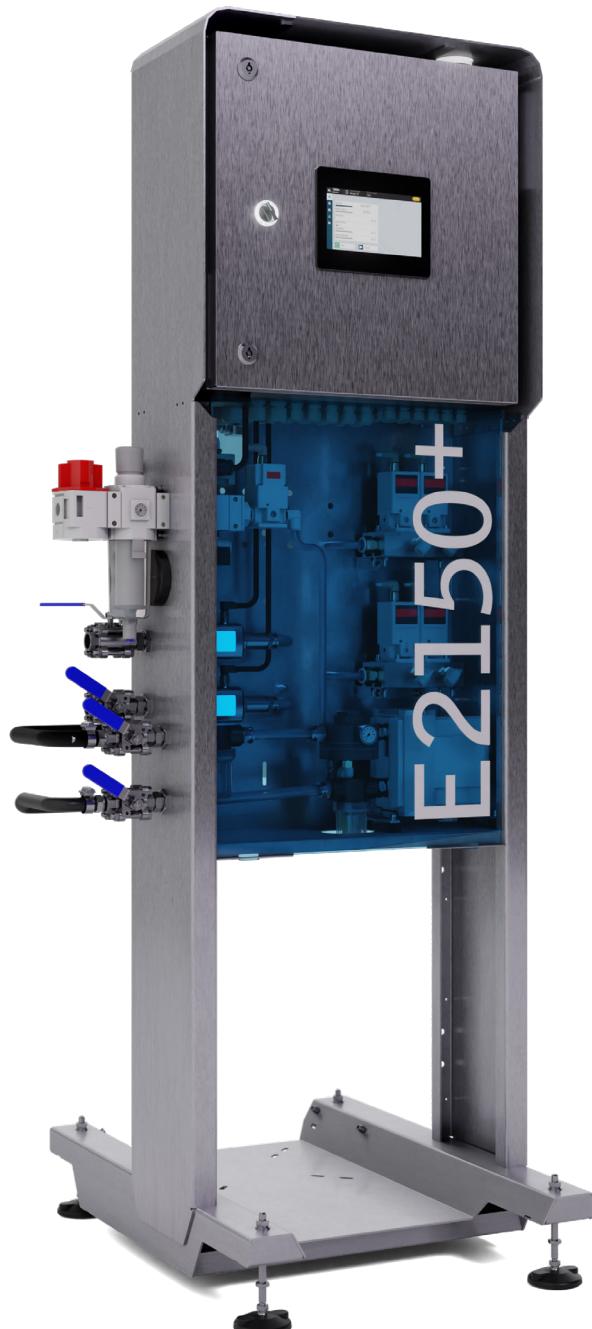


Dual Channel
with Zoning



AUTOJET® E2150+ SPRAY CONTROLLER

AutoJet® E2150+ Spray Controller Features		BASIC	STANDARD	HIGH PRECISION
Spray Nozzles	Maximum number of PWM Channels	2	2	2
	Maximum number of Pulsajet nozzles (PWM, 10000AUH-03 series, 35°C Temp)	1x 16 or 2x 8	1x 16 or 2x 8	1x 16 or 2x 8
	PWM cycles per Minute (in cpm)	5 000	10 000	15 000
Timing	Time based spraying	✓	✓	✓
	Distance based spraying		✓	✓
	High speed application (reduce striping)			✓
Spray Check	Liquid Pressure Measurement + Duty Cycle Correction (Requires Liquid Pressure Sensor)		✓	✓
	Flow Meter Supported			✓
	Detection of clogged or worn nozzles			✓
Flow Control	Adjust flow via HMI (liquid and atomizing air)			✓
	Adjust flow via remote signal	✓	✓	✓
	Adjust flow via Profinet			✓
Miscellaneous	Closed loop flow control			
	Recipes			✓
	Pixel spray algorithm			
Automatic Rinsing and priming				
4G router (remote service)		Optional	Optional	Optional
Junction box: Input & Output		Optional	Optional	Optional
Junction box: Pulsajet® PWM		Optional	Optional	Optional



THE AUTOJET® E2150+ IS ALSO AVAILABLE IN A FOOD-SAFE VERSION
MORE INFORMATION ON WWW.SPRAY.COM/EN-GB