

Version	Evolution	One	Element	Start
MECHANICAL	Material Piping & Process valves			
	AISI 316L	✓	⊕	⊕
	AISI 304L	-	✓	✓
	AISI 304 Frame with adjustable feet			
	Blasted	✓	✓	-
	Polished	-	-	✓
	Butterfly Valves			
	Full Automatic	✓	-	-
	Main Process = Automatic Secondary Operations = Manual	-	✓	-
	Manual	-	-	✓
	Manual Low Cost	-	-	-
	Process Distribution / CIP Valves			
	Mixproof	✓	-	-
	Diverter Panels with sensors	-	✓	✓
Sample Valves	✓	✓	✓	
ELECTRICAL AUTOMATION	Valves Feedback (on / off)	✓	⊕	-
	PLC	✓	✓	-
	Operation Interface			
	Supervisory / HMI-PC	✓	⊕	-
	HMI	-	✓	-
	Motor Switch	-	-	✓
	ASi NET	✓	✓	-
	Comuication Interfaces Ethernet	✓	✓	-
	Instrumentation Rating Protection			
	IP 69K / 67	✓	-	-
	IP 65	-	✓	-
	IP 54	-	-	✓
	Cabinet			
	AISI 304 / IP 55	✓	✓	-
Epoxi Primed / IP55	-	-	✓	
Frequency Converters	✓	✓	-	
Software personalization	⊕	⊕	-	
QUALITY	Inspection and aproval of Piping Welds			
	100%	✓	⊕	⊕
	20%	-	✓	⊕
	Material certifications			
	100%	✓	⊕	⊕
	Sensors	-	✓	⊕
	Calibration certificates for instruments			
	100%	✓	⊕	⊕
	Sensors	-	✓	⊕
	GMP construction	✓	✓	-
	Internal chemical Passivation of Piping	⊕	⊕	-
	Pressure and leakage proofs	✓	✓	✓

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TRACEABILITY	Audit: Commands, Parameters,Users and Falts	✓	⊕	-
	Falts reports	✓	✓	-
	Monitoring + Register: Corretive and Preventive	✓	⊕	-
EXECUTION PLANNING	Detailed Execution Planning - Task by Task	✓	✓	-
	Instalation plan 3D for instalation	✓	-	-
MAINTENANCE	Preventive Maintenance: Manual and Spare Parts List			
	Integrated	✓	⊕	-
	Integrated in the Automation System	✓	✓	✓
	Corrective Maintenance: Manual and Spare Parts List			
	Integrated in the Automation System	✓	⊕	-
	Printed Version	✓	✓	✓
	Remote Access via Internet for operation and maintenance	✓	✓	-
	Spare Parts Included	16,000 h	⊕	⊕
	Parts and Supervision: Preventive Maintenance	1. Free	⊕	⊕
	Technical Assist. by Phone or Remote Access	✓	✓	-
OPERATIONAL SECURITY	1 <sup>º</sup> year - 24h/7d	✓	⊕	⊕
	1 <sup>º</sup> year - Working Time (Germany)	-	✓	⊕
	Users Aces Levels	✓	✓	-
DATA MONITORING	Typ of acces	RFID	Password	-
	Ingredientes, Cosumables Consumption	✓	⊕	⊕
	Utilities Consumption (water, steam, energy...)	✓	⊕	⊕
GARANTY	Production	✓	⊕	-
	Months	24	12	12
TRAINING	Months	24	12	12
	Process and Operation	4	1	⊕
	Topics for Maintenance	2	⊕	⊕
DOCU- MENTATION	Training for supervisors	1	1	⊕
	Detailed 3D equipment drawing	100%	-	-
	3D installation drawings	100%	-	-
	Instalation Layout and P&D	✓	✓	-
	Equipment Layout and P&D	✓	✓	✓
POSSIBLE UPGRADES	Reports of regulations applied	⊕	⊕	-
	Operation Manual	✓	✓	✓
Available superior versions for upgrade	-	Evolution	One / Evolution	-

Subject to alterations without prior notice. Caption: ✓ (Standard) ⊕ (Optional) - (Not available)

