Product-Application-Matrix

Application	Description of Skid	Internal Centec Product Name	Beverage & Food				Pharma		Chemical				Energy			
			Brewery	Soft Drinks	Wine & Spirits	Dairy & Food	Pharmaceutical	Biotechnology	Chemical	Petrochemical	Electronics	Semiconductor	Power Plants (Coal)	Power Plants (Nuclear)	Power Supply Stations	Biofuel
Water Purification	Water Softening & Demineralization	IONTEC	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Reverse Osmosis	REVOTEC	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Water for Injection (WFI) Distillation	STILL					✓	✓								
Deaeration	Membrane Water Deaeration	DGS	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	
	Column Water Deaeration Cold / Column Water Deaeration Hot	DeGaS-C / DeGaS-H	✓	✓	✓	✓			✓				✓		✓	
	Vacuum Product Deaeration	VeGaS	✓	✓	✓	✓			✓				✓			
Product Preparation	Adjustment of Milk Fat Content	Milk Standardization				✓										
	Hops Pre-Isomerization	EASYOMER	✓													
	Aeration of Wort	Wort Aerator	✓													
	Pitching of Yeast	YeastPitch	✓													
Carbonation Nitrogenation	Carbonation	Carbonator	✓	✓	✓	✓										
	Carbonation & Decarbonation	DeCarbonator	✓	✓	✓	✓										
	Nitrogenation	Nitrogenator	✓	✓	✓	✓										
Blending Dosing	High Gravity Blending / High Gravity Blending & Carbonation	Blender / CarboBlender	✓													
	Multi Component Mixing	MultiMixer	✓	✓	✓	✓	✓	✓	✓	✓						
	Additive Dosing	ADoS	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				
Pasteurization	Product Sterile Filtration	INTRAP	✓	✓	✓	✓	✓	✓								
	Flash Pasteurization	FlashPasto	✓	✓	✓	✓	✓	✓								
Cleaning Sterilization	Cleaning-in-Place / Sterilization-in-Place	CIP / SIP	✓	✓	✓	✓	✓	✓	✓		✓	✓				
	Pure Steam Generation	RDE				✓	✓	✓								
Dealcoholization		DeAlcoTec	✓		✓		✓		✓							

Measurement	Description of Sensor	Internal Centec Product Name	Beverage & Food				Pharma		Chemical				Energy			
			Brewery	Soft Drinks	Wine & Spirits	Dairy & Food	Pharmaceutical	Biotechnology	Chemical	Petrochemical	Electronics	Semiconductor	Power Plants (Coal)	Power Plants (Nuclear)	Power Supply Stations	Biofuel
O_2	O_2 Measurement (in-line)	OXYTRANS TR	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓
	O_2 Measurement (portable)	OXYTRANS M	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓
CO_2	CO_2 Measurement (by pressure-temperature)	CARBOTEC TR-PT	✓	✓	✓	✓										
	CO_2 Measurement (by optical ATR technology)	CARBOTEC NIR	✓	✓	✓	✓										
Concentration	Density Measurement (in-line)	RHOTEC	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓		✓
	Density Measurement (laboratory)	RHOTEC L	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓		
	Sound Velocity Measurement	SONATEC	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				✓
	Sound Velocity Measurement (when installed in the wort kettle)	SONATEC HW	✓													
	Sound Velocity Measurement (when "Plato" is displayed in a brewery)	PLATOMONITOR	✓													
	Density & Sound Velocity Measurement	COMBITEC	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓		✓
	Density & Sound Velocity Measurement (when used in a brewery)	BEERMONITOR	✓													