3D TRASAR™

Technology for CIP

EVERY **WASH**
EVERY **TIME**
EVERY**WHERE**

AN **INNOVATIVE PROGRAM**

*3D TRASAR™ CIP is a diagnostic tool that uses sensors to **verify every clean-in-place (CIP) wash** and alert you when any wash step deviates specification. Additionally, it helps **identify opportunities to improve** your CIP efficiency and provides peace of mind that someone is monitoring your food safety risk 24/7.*

DRIVING CONSISTENCY WITH BUSINESS-FOCUSED **RESULTS**

FOOD SAFETY & PRODUCT QUALITY
3D TRASAR CIP helps provide the most optimal quality of clean and sanitization, helping assure food safety, quality and consistency across your operation.

OPERATIONAL EFFICIENCY
CIP experts provide optimized CIP programs – providing consistent results with improved efficiency and lower total cost.

SAVES WATER
Provides lowest total impact of CIP consumables, including water.

ENHANCED PRODUCTIVITY
Gain production capacity by reducing total cleaning time and reducing labor.

CUSTOMIZED CONTINUOUS **CIP OPTIMIZATION PROGRAM**

Customer Instruments + **Advanced Analytics** + **Exception Reporting** + **Ecolab CIP Experts** = **Process Visibility & Action**

- Monitors CIP systems 24/7/365
- Provides a CIP analysis team to analyze and make recommendations
- Establishes the "optimal CIP" for each object/circuit
- Tracks each CIP against its "optimal CIP profile"
- Automatically flags deviations that impact product quality and efficiencies
- Identifies opportunities for quality improvement and cost optimization
- Provides benchmark performance between systems

COMMON CIP DISCOVERY:

	DIRECTLY IMPACTS		
VISIBILITY TO COMMON CIP ISSUES:	**FOOD SAFETY & PRODUCT QUALITY**	**PRODUCTIVITY**	**WATER**
Incomplete washes	X	X	X
Not achieving temperature parameters	X		X
Similar objects washing differently		X	X
Low or no chemical concentration	X		
Cross-contamination of water into sanitizer step	X	X	X
Equipment malfunctions	X	X	X
Deviations from SOP's	X	X	X
Hydraulic imbalance/system out of water	X	X	X
Total cleaning time due to inconsistent rinse, wash & sanitize steps		X	X

To make 3D TRASAR CIP *your indispensable advantage*, contact your Ecolab Representative.

ECOLAB®

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