TOC MONITORING IN SUGAR MANUFACTURING

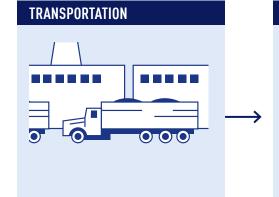


WHAT IS TOTAL ORGANIC CARBON (TOC) ANALYSIS?

TOC analysis allows for comprehensive and easy monitoring of organic contamination, separation, and removal.

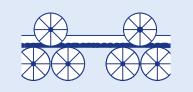
M-Series On-Line, Laboratory, and Portable

TOC Analyzers



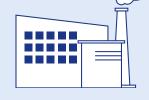
MILLING

Ensure cleanliness of hot water used for juice extraction



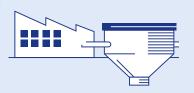
BOILER

Detect product leaks, protect equipment assets, minimize revenue loss



CLARIFICATION

Remove waste and quantify waste loading to wastewater treatment



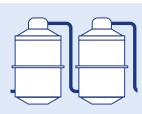
WASTEWATER TREATMENT AND DISCHARGE TO ENVIRONMENT

Optimize treatment based on loading variations to meet effluent quality



EVAPORATION

Monitor condensate quality for potential reuse and avoid product loss



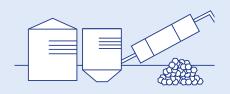


InnovOx On-Line and Laboratory

TOC Analyzers

M-Series On-Line, Laboratory,

CRYSTALLIZATION, SEPARATION, DRYING



SIEVERS SOLUTIONS

Sievers* M-Series TOC Analyzers:

• 0.03 ppb – 50 ppm (optional conductivity and 4s turbo mode)









Sievers InnovOx TOC Analyzers:

• 50 ppb – 50,000 ppm, (seamlessly handles salts, brine, and complex matrices)



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