

Why Choose A StarTOC*?

StarTOC Major Benefits: On-Line/Process TOC Analyzers

1. StarTOC, alone, offers all TOC Methods:

- High Temperature Combustion TOC
 - With Catalyst
 - Without Catalyst
- UV/Heated Persulfate TOC
 - Excellent Oxidation efficiency with Patented Reactor
- Ultra-Pure: UV/NDIR TOC
 - Pump-less
 - Reagent-less
- Heated Persulfate TOC
 - Useful for applications with certain low concentrations of TOC
- Ozone Promoted/Hydroxyl Radical TOC
 - Patented Reactor for maximum oxidation efficiency
 - Often used as substitution for more maintenance – intensive High Temperature Combustion TOC, in samples up to 30% Salts
- Dual Method: Ozone/Hydroxyl Radical +UV/Heated Persulfate
 - For the best oxidation efficiency of the most difficult samples.

NOTE: Star will provide complementary testing of questionable samples and issue a confidential report with our recommended choice of TOC analysis (and guarantee our performance for your application). We do this without bias, because we have all methods and are not limited to selling you just a single (or dual) method, promising it will do everything.

2. Star's unique dual NDIR (Non-Dispersive Infrared) CO₂ detectors provide unmatched ruggedness & stability. True redundancy means you will never be out of service because of an NDIR failure. The CO₂ detector is the heart of all TOC analyzers, either limiting or enhancing accurate TOC analysis.

- No moving parts
- 5-Year Warranty on Sample Cell (requires no halogen scrubber or other means to attempt to minimize damage caused by the corrosive gases generated by all TOC analyzers).

3. Star, alone, uses an industrialized Microsoft Windows CE Computer to completely automate our on-line TOC analyzers. Others use Microprocessor – based analyzers, which often require “customized”, expensive re-programming, if your application changes in the future.
 - Familiar “Microsoft Windows” operation:
 - Little Operator Training
 - Touch Screen Operation, offering ease of set-up, operation & maintenance
 - Immediate time/date stamped recall of historical data
 - Digital outputs for ease of networking with other multiple analyzers/sensors & host computer
4. Star’s Service Policy
 - Star uses True Modular Construction, with easy access & exchange of Replacement Modules, minimizing service down-time and expense. Upon notification of a malfunctioning module, Star will ship a replacement module overnight. (see Star’s Parts Exchange Service Program for details).
5. **STAR is not just an analyzer manufacturer.**
 - In addition to producing other analyzers, Star provides Pre-Engineered Total System Packages, complete with sample systems, small shelters, and utilities, ready to be delivered to your site. We work with Systems Integrators of your choice or provide the service directly to the End-User.