







# Analyzer Portfolio

**ETA Process Instrumentation**  
 etapii.com  
 sales@etapii.com  
 tel: 978.532.1330

*New England*

**Martech Controls**  
 etapii.com  
 sales@martechcontrols.com  
 tel: 315.876.9120  
*Upstate New York*

Product line	QuickTOCultra (COD/TN <sub>b</sub> )	QuickTOCpurity	QuickTOCeco	QuickCODlab	QuickTOCuv	QuickTOCtrace
Oxidation	Combustion at 1,200°C				UV reaction	UV/Conductivity
						
Specs	TC/TOC 0.1 - 50,000 ppm TIC yes COD 150 – 250,000 ppm TN <sub>b</sub> 0.1 - 1,000 ppm	10 ppb - 1,000 ppm yes by correlation 0.1 - 200 ppm	5 – 5,000 ppm no by correlation no	no no 100 – 250,000 ppm no	0.1 - 1,000 ppm no by correlation no	0.1 - 1,000 ppb no no no
High Salt Particles	yes yes (solids)	< 300 mg/L NaCl soft particles < 300 µm	< 300 ppm/l NaCl soft particles < 100 µm	yes yes	< 300 mg/l NaCl soft particles < 100 µm	no no
Positioning	TOC analyzer for the rough stuff	TOC analyzer for pure water	TOC analyzer for clean water	COD analyzer for laboratories	TOC analyzer for clean water	TOC analyzer for ultra pure water

# Product-Parameter-Matrix

PARAMETER \ PRODUCT	QuickTOC <sub>ultra</sub>	QuickTOC <sub>purity</sub>	QuickTOC <sub>eco</sub>	QuickTOC <sub>uv</sub>	QuickTOC <sub>trace</sub>	QuickCOD <sub>lab</sub>	QuickCOD <sub>ultra</sub>	BioMonitor	NitriTox	ToxAlarm
TOC-Analysis-	✓	✓	✓	✓	✓		☑			
TC-Analysis	✓	✓	✓							
TIC-Analysis	✓	✓								
DOC-Analysis	✓	✓	✓	✓	✓					
COD-Analysis	☑	☑				✓	✓			
TOD-Analysis	☑	☑				✓	✓			
BOD-Analysis								✓		
Respiration								✓	☑	☑
Toxicity								☑	✓	✓
TN <sub>b</sub> -Analysis	☑						☑			
Oil-in-Water	☑			☑						

- ✓ optimal suitability
- ☑ application / configuration dependent

# Product-Application-Matrix

PRODUCT		PARAMETER									
		QuickTOC <sub>ultra</sub>	QuickTOC <sub>purity</sub>	QuickTOC <sub>eco</sub>	QuickTOC <sub>uv</sub>	QuickTOC <sub>trace</sub>	QuickCOD <sub>lab</sub>	QuickCOD <sub>ultra</sub>	BioMonitor	NitriTox	ToxAlarm
APPLICATIONS											
Municipality & Environment	(Waste) Water Influent	✓					✓	✓	✓	✓	✓
	(Waste) Water Effluent	☑		✓			✓	☑	✓	✓	✓
	Discharge Control	✓		☑			✓	✓		✓	
	Surface Water	✓		☑				✓		✓	✓
	De-icing Water	✓					✓	✓			
	Drinking Water		☑	✓	✓			✓		✓	✓
	Ground Water		☑	✓	☑			✓			
Industry	Industrial Waste Water	✓					✓	✓	✓	✓	
	High Salt Loads	✓					✓	✓	✓	✓	
	Process Water	✓				✓	✓	☑			
	Oil-in-Water	✓									
	Cooling Water	✓	✓	☑	☑						
	Boiler Feed Water		✓	✓	✓						
	Condensate Return		✓	☑	✓						
	Purified Water		✓	☑	✓	✓					
	Pharma HPW					✓					
	Pharma WFI										

- ✓ optimal suitability
- ☑ application / configuration dependent