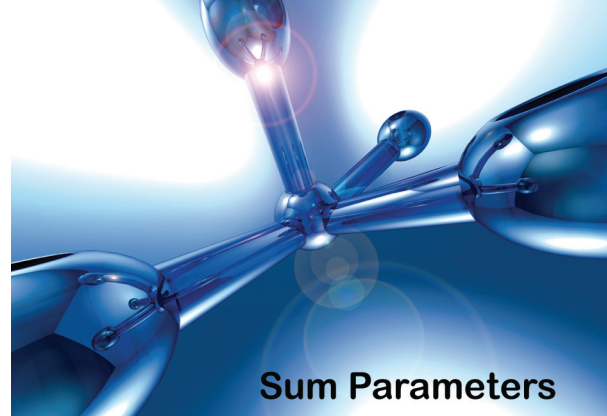


# Specification Sheet



**TOC Analyser**  
**Catalytic combustion oxidation**  
**TOC-V CSH/CSN**  
**TOC-V CPH/CPN**

	Standalone		PC-Controlled	
	high-sensitivity model	standard model	high-sensitivity model	standard model
<b>Model</b>	<b>TOC-V CSH</b>	<b>TOC-V CSN</b>	<b>TOC-V CPH</b>	<b>TOC-V CPN</b>
<b>Measurement Method</b>	680 °C combustion catalytic oxidation/NDIR method			
<b>Operation Method</b>	standalone		PC-controlled	
<b>Measured Items</b>	TC, IC, TOC, NPOC (optional POC, TN)			
<b>Applicable Samples</b>	aqueous sample (optional solid/gas samples)			
<b>Measurement Range (mg/L)</b>	TC: 0 to 25000 IC: 0 to 30000	TC: 0 to 25000 IC: 0 to 3000	TC: 0 to 25000 IC: 0 to 30000	TC: 0 to 25000 IC: 0 to 3000
<b>Detection Limit</b>	4 µg/L	50 µg/L	4 µg/L	50 µg/L
<b>Measurement accuracy (Reproducibility)</b>	CV 1.5 % max.			
<b>Measuring Time</b>	TC: appr. 3 min IC: appr. 3 min	TC: appr. 3 min IC: appr. 4 min	TC: appr. 3 min IC: appr. 3 min	TC: appr. 3 min IC: appr. 4 min
<b>Sample Injection</b>	Automatic Injection			
<b>Sample Injection volume</b>	10 to 2000 µL variable	10 to 150 µL variable	10 to 2000 µL variable	10 to 150 µL variable

	Standalone		PC-Controlled	
	high-sensitivity model	standard model	high-sensitivity model	standard model
<b>Model</b>	<b>TOC-V CSH</b>	<b>TOC-V CSN</b>	<b>TOC-V CPH</b>	<b>TOC-V CPN</b>
<b>IC pre-treatment</b>	Automatic internal acidification and sparging			
<b>Automatic dilution</b>	dilution factor 2 to 50			
<b>Gas Consumption</b>	approx. 1440 L/month	approx. 2210 L/month	approx. 1440 L/month	approx. 2210 L/month
	(operating conditions: 8 hours/day x 5 days/wk)			
<b>Operating Keys</b>	built-in		use PC	
<b>Display</b>	built-in LCD		use PC	
<b>Printer</b>	built-in		PC printer	
<b>Ambient temperature range</b>	5 to 35 °C			
<b>Power supply</b>	AC 100 ~ 127 V ± 10 %, MAX 800 VA AC 220 ~ 240 V ± 10 %, MAX 1200 VA			
<b>Dimensions</b>	approx. (W) 440 x (D) 560 x (H) 460 mm (excluding protrusions)			
<b>Weight</b>	approx. 40 kg			