

## TOC Evolution vuv

Complete two-stage measurement of TOC. Detection of organic carbon (OC) with simultaneous and direct measurement of various TOC groups by oxidation and measurement of the produced CO<sub>2</sub> (NDIR).

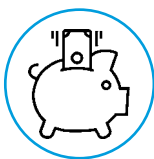
Reliable and accurate for various applications including potable water per EN DIN 1484.



Quick response time -  
5 to 10 minutes per TOC determination



Easily accessible peristaltic pump  
modules and quick tubing renewal



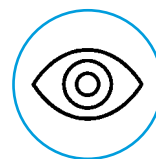
Low maintenance,  
low operation cost



Automatic zero-point detection  
for highest data integrity



Oxidation and stripping by the  
integrated reactor - less than 3  
liters of oxidant reagents con-  
sumed per month



10 ppb LOD for reliable results in  
low measuring ranges

### Total Organic Carbon (TOC)

0-2 ppm (LOD = 0,01 ppm)  
0-10 ppm (LOD = 0,1 ppm)  
0-100 ppm (LOD = 0,5 ppm)

### Total Inorganic Carbon (TIC)

0-100 ppm

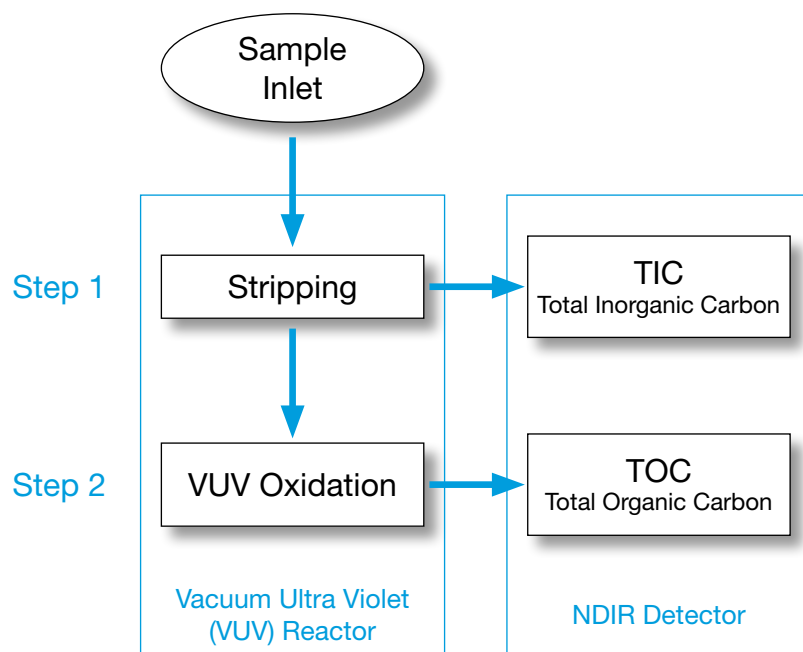
### Total Carbon (TC)

0-5 ppm or 0-30 ppm

### Chemical Oxygen Demand (COD)

by correlation (optional)

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### Range of Applications

#### Industrial Process Condensate

Early warning for leakages in water steam cycles. Determinate contamination reliably to avoid costly system damages.

#### Potable water treatment and surface water

Accurate and fast detection of natural organic matter (NOM), disinfectants and possible disinfection byproducts (DBPs).

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