

# TOTAL ORGANIC CARBON ANALYZER

---

FABRICANT : Shimadzu

MODÈLE : TOC-L

---

## Characteristics

- Quantitative analyses of total organic carbon
- Detection limit: 1 ppm
- Ability to analyze 4 samples per hour (carrousel holding 68 samples)
- Unit's sensitivity: 1 mg/L to 30 g/L
- NDIR (non-dispersive infrared) detector

## Samples

- Liquids through 0.45 µm filter
- Size of samples: 40 mL
- Injection volume: 50 µL

## Application examples

- Measuring the adsorption capacity of organic compounds on surfaces, media, particles
- Measuring the effectiveness of the organic matter's biodegradation
- Evaluating the ability to eliminate organic matter by membrane filtration