



*Innovation in Environmental & Process Technology*

*We **Understand** Water & Waste Water Monitoring*

## Online TOC Analyser - TOCADERO ONE

**HORIBA** TOCADERO



Highest analytical precision in a short time measurement duration



Catalyst-free high-temperature process at 1,200°C with “Fast Change Technology”



State-of-the-art hardware components



Minimal material requirements and Cost of care



Global service and support



Compelling cost of ownership



### Features:

- User-friendly, intuitive software
- Exact status monitoring using state-of-the-art sensor technology
- State-of-the-art communication and interfaces
- Status cockpit and predictive maintenance
- State-of-the-art components for reduced space and energy requirements
- Reduced operating and maintenance costs

### Applications:

- Sewage
- Process water
- Ultrapure water (pharmaceutical, WFI, UPW)
- Cooling water
- Boiler feed water
- Drinking water
- Surface water
- Sea water

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### Analytical Performance

|                        |  |
|------------------------|--|
| Measurement Ranges     |  |
| Low Range              | 0–1 ppm or 0-1 0 ppm   |
| Standard Low:          | 0–200 ppm  |
| Standard High:         | 0–2.000 ppm  |
| High Range:            | 0–20.000 ppm   |
| Ultra High Range:      | 0-50.000 ppm   |
| Wide Range:            | 0-200 & 200-20.000 ppm   |
| Limit of detection:    | 0,1 ppm  |
| Cycle time TOC (NPOC): | < 3 min.   |
| Cycle time TC/TOC:     | < 1 min.   |
| Repeatability:         | ± 2 % end-of-range   |
| TDS:                   | up to 200 g/l (20% NaCl)                                       |
| Particles:             | < 2.000 microns (optional: homogenizer and sample preparation) |

### Analyser Specification

|                         |   |
|-------------------------|---|
| Dimensions: (h x w x d) | 800 x 600 x 320 mm                                |
| Weight:                 | < 55 kg   |
| Power:                  | AC1 1 0 – 230 V ±1 0 V<br>50/60 Hz approx. 600 VA |
| Carrier gas:            | CO2 free instrument air                           |

### Communication

|                      |   |
|----------------------|---|
| Display:             | 7" Touch Panel                                    |
| Analog outputs:      | 6x 0/4 – 20 mA                                    |
| Supported protocols: | OPC UA, Ethernet, Profinet, Modbus                |
| Communication:       | WLAN, GSM, 5G options                             |
| Relays:              | 4 programmable - NAMUR standard                   |
| Languages:           | German, English, French, Japanese, Chinese, Korea |

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