

# DIMATEC

Analysentechnik GmbH

## DIMATOC® 2200

- Dual-channel TOC system
- Measurement results in 3 minutes
- Autosampler for 60 samples

tube-free  
direct injection  
no carryover  
low maintenance



[www.dimatec.de](http://www.dimatec.de)

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## DIMATOC® 2200

### TOC ANALYZER WITH SELF-MONITORING

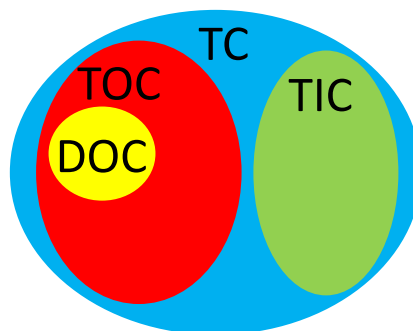


#### FEATURES

- High precision by combustion method DIN EN 1484
- Retrievable measurement results in 3 minutes
- 2 independent channels
- TOC=TC-TIC or NPOC
- Automatic re-measurement
- Easy to operate
- High particle transferability
- Large sample flow rate
- Environmentally friendly alternative to TOC and COD cell tests
- Tube-free direct injection
- Determination in accordance with DIN EN ISO 20236:2023-04

#### Specifications

Method:	<ul style="list-style-type: none"> <li>• Direct process (TOC = NPOC)</li> <li>• Thermic-catalytic combustion up to 900° Celsius</li> <li>• Detection by NDIR</li> <li>• DIN conformity TOC: DIN EN 1484, DIN 15936 and DIN EN ISO 20236:2023-04</li> </ul>
Measuring interval:	From 2 to 3 minutes
Measuring range:	0,05 – 10.000 mg/l TC/TIC/NPOC/DOC
Sample input:	<ul style="list-style-type: none"> <li>• Fully automatic</li> <li>• 60 rack positions of 15 ml (constantly homogenised)</li> <li>• 0,5 mm particle mobility</li> </ul>
Injection volume:	Adjustable from 50 to 250 µl
Detection limit:	0,05 mg/l TC/TIC/NPOC/DOC
Carrier gas:	Synthetic air or oxygen of purity 4.5 at 5 bar, approx. 20 l/h (e.g. with the DIMA-AIR® 9000/9100)
Control:	PC with DIMAQS® 5.1 Software
Power supply:	230 V AC 50 Hz, 10 A protection, consumption 150 W
Dimensions W x H x D:	600 x 600 x 600 mm (sampler included)
Monitoring:	Cooler temperature, oven temperature and flow rate
Weight:	35 kg
Available options:	<ul style="list-style-type: none"> <li>• Single- or dual-channel</li> <li>• Injection port with or without septum</li> <li>• Detector for ultrapure water</li> </ul>



$$TC = TOC + TIC$$

TC:	Gesamter Kohlenstoff
TIC:	Anorganischer Kohlenstoff
TOC:	Gesamter organischer Kohlenstoff
DOC:	Gelöster organischer Kohlenstoff