

# DIMATEC

Analysentechnik GmbH

## DIMA-*easy* TOC®

- Analysis without lab
- Only Power Supply is required
- Accurate Measurement in less than 3 minutes
- 3 languages available

cost-effective,  
precise, low  
maintenance  
and without  
consumables



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

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## DIMA-*easy* TOC®

### TOC ANALYZER FOR WASTE WATER PLANT LABS

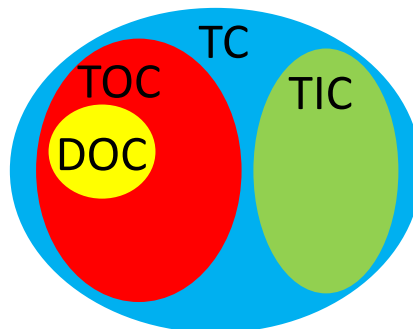


#### FEATURES

- Compatible and inexpensive entry into the world of TOC analytics
- High precision by combustion method DIN EN 1484
- Easy to operate without complex peripheral devices
- Retrievable measurement results in 3 minutes
- Environmentally friendly alternative to TOC and COD cell tests

#### Specifications

Method:	<ul style="list-style-type: none"> <li>• Direct process (TOC a= NPOC)</li> <li>• Thermic-catalytic oxidation to CO<sub>2</sub>, detection by NDIR</li> <li>• DIN conformity TOC: DIN EN 1484</li> </ul>
Measuring interval:	From 2 to 3 minutes
Measuring range:	0,5 – 10.000 mg/l TOC/DOC
Typical measuring range for a treatment plant:	1 – 5.000mg/l TOC/DOC Custom measuring range can be calibrated by the software
Injection volume:	Adjustable from 50 to 250 µl
Detection limit:	1 mg/l TOC
Indication accuracy:	0,01 mg/l
Carrier gas:	Generated directly in the unit, no additional gas supply required
Power supply:	230 V AC 50Hz, 10 A protection, consumption 150 W
Dimensions W x H x D:	480 x 480 x 425 mm
Weight:	16 kg
TIC expulsion:	By ventilation in the device
Firmware:	<ul style="list-style-type: none"> <li>• Intuitive operating software on the device via touch screen</li> <li>• No prior knowledge required</li> </ul>
Interface:	USB for data backup



$$TC = TOC + TIC$$

TC: Total Carbon  
 TIC: Total Inorganic Carbon  
 TOC: Total Organic Carbon  
 DOC: Dissolved Organic Carbon