

# DIMATEC

Analysentechnik GmbH

## DIMA-AIR 9100®

- No more expensive gas cylinders
- Supplies 60NI/h carrier gas
- Synthetic air
- KW- and CO<sub>2</sub>-free
- IP54

cost-efficient  
and  
low  
maintenance



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

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## DIMA-AIR 9100<sup>®</sup>

### GAS GENERATOR FOR THE PRODUCTION OF PURE SYNTHETIC AIR

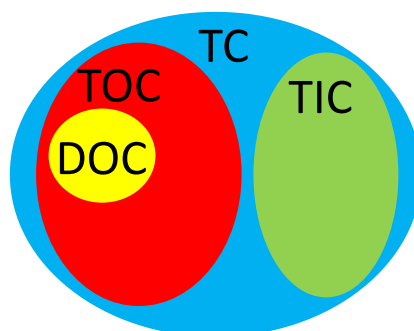


#### FEATURES

- No more expensive gas cylinders
- Humidity-free gas
- Low maintenance
- For up to 3 DIMATEC devices
- Very silent operation
- IP54
- Wall mounting

#### Specifications

Method:	<ul style="list-style-type: none"><li>• Thermic-catalytic</li><li>• Carrier gas generation</li><li>• Pressure-vibration-adsorption</li><li>• Special molecular sieves</li></ul>
CO <sub>2</sub> concentration:	< 1ppm
Carbon concentration:	< 0,1ppm
Inlet pressure:	5-12bar
Working pressure:	5-6bar
Pressure loss inside the unit:	approx. 0,3bar
Heating period:	15min
Carrier gas:	<ul style="list-style-type: none"><li>• Synthetic air</li><li>• Carbon-free</li><li>• KW- and CO<sub>2</sub>-free</li><li>• 60NI/h</li></ul>
Power supply:	230V AC 50Hz, 10 A protection, consumption 200W
Dimensions L x H x B:	450 x 350 x 390mm
Weight:	15 kg



$$TC = TOC + TIC$$

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