

# DIMA-N Supplementary TN Analysis Unit



DIMA-N is a supplementary unit for DIMATOC TOC analysers.

DIMATOC® 402 coupled with a DIMA-N allows for simultaneous online determination of total nitrogen bound (TN<sub>b</sub>) and total organic carbon (TOC) from the same sample.

**DIN EN  
12260**

- Short measuring times
- High accuracy
- Reliable digestion
- Precise detection
- Low maintenance
- Compact design

## Method

DIMA-N is simply connected to the measurement outlet of the TOC analyser. TN is then measured via chemiluminescence after reaction with ozone.

## Applications

Process water (paper industry, refineries, beverage industry, food industry)

Municipal wastewater treatment plant

River water

## Technical data

### DIMA-N

Measuring method	Reaction with ozone, chemiluminescence detection
Measuring range	0~100 ppm TN <sub>b</sub>
Detection limit	0.1 ppm TN <sub>b</sub>
Power supply	230 V AC, 50 Hz
Power consumption	300 VA
Control	Via user interface of the TOC analyser
Gas inlet (for generation of ozone)	Synthetic air or oxygen grade 4.5, 5 bar
Protection class	IP 20
Dimensions	250 mm × 300 mm × 400 mm
Weight	12 kg

#### **Product code 745 710**

Recommended accessory:

DIMA-Air, provides synthetic air for the generation of ozone in the DIMA-N.

#### **DIMA-Air product code 745 720**