

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_b) 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 _b
Detection limit	0.1 ppm TN _b
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

GIMAT GmbH Liquid Monitoring
Obermühlstraße 70
82398 Polling, Germany
Phone +49 881 628 10
Fax +49 881 628 15
www.gimat.de

