Water Analysis

MACHEREY-NAGEL

NANOCOLOR® TOC Neo

New and revised TOC test kits

- New screw coupling for improved handling
- Digestion in closed system for simplified handling
- Proven chemistry for safe results

NANOCOLOR® TOC Neo

TOC determination in only three steps

TOC analysis using *NANOCOLOR*®

Besides COD (chemical oxygen demand) and BOD5 (biochemical oxygen demand), TOC (total organic carbon) is an important sum parameter for the evaluation of the organic load in waste water. It is calculated as the sum of dissolved and undissolved organic carbon compounds. The TC (total carbon) of a sample consists of the TIC (total inorganic carbon) and the TOC.

The TOC-content of waste water can reliably be determined with the new tube tests *NANOCOLOR*® TOC 30 Neo and *NANOCOLOR*® TOC 300 Neo. Only three steps are necessary to safely obtain correct results within just two hours.

1. Removal of inorganic carbon with *NANOCOLOR*® TIC-Ex
2. Sample decomposition with *NANOCOLOR*® Heating blocks
3. Measuring of cuvettes with *NANOCOLOR*® Photometers

Improved handling with new screw coupling

The new*NANOCOLOR*® TOC Neo

With the new round tube tests *NANOCOLOR*® TOC 30 Neo and *NANOCOLOR*® TOC 300 Neo, we are relying on the proven chemistry of our TOC tests with improved handling. The new screw coupling makes it easier to screw the cells together. It also ensures that digestion is possible in a closed system. This means that the use of the pressure equalization needle is no longer necessary.

Ordering information

Description	Measuring range	REF
NANOCOLOR® TOC 30 Neo	2.0 – 30.0 mg/L C	985048
NANOCOLOR® TOC 300 Neo	20 – 300 mg/L C	985051

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ISO 9001:2015
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