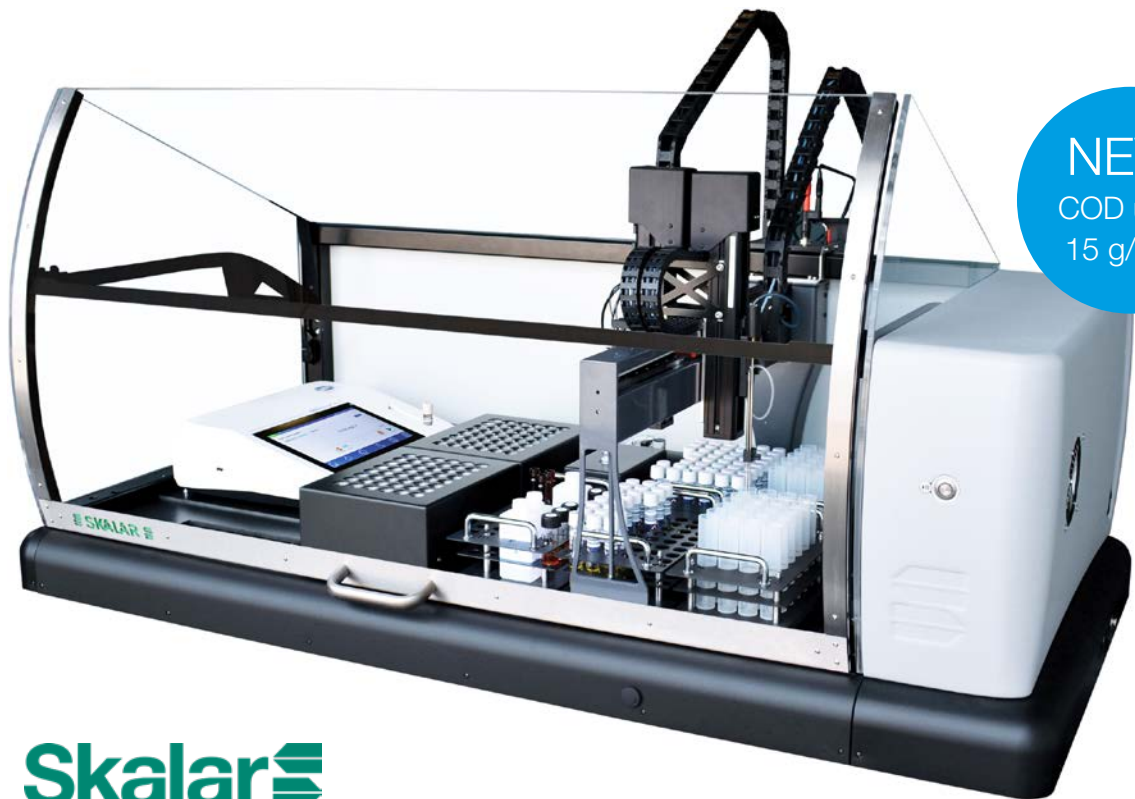


MACHEREY-NAGEL

# NANOCOLOR<sup>®</sup> Robot tests

Water Analysis



NEW!  
COD up to  
15 g/L O<sub>2</sub>

**Skalar**

## NANOCOLOR<sup>®</sup> – Automated water analysis

- NANOCOLOR<sup>®</sup> tube tests on the SKALAR Robot SP2000<sup>series</sup>
- Fully automatic photometric water analysis including sample preparation and digestion
- Analysis of all important waste water parameters

**MACHEREY-NAGEL**

[www.mn-net.com](http://www.mn-net.com)



# NANOCOLOR® Robot tests

## Automated water analysis with NANOCOLOR®

The companies MACHERY-NAGEL and Skalar joined forces and designed the SP2000<sup>series</sup>, a robotic analyzer for the fully automated water analysis in the laboratory. This water analyzer processes a variety of NANOCOLOR® tests and automates all the necessary handling steps of the photometric test kit procedure such as sample pipetting, (de)-capping, addition of reagents, mixing, heating, cooling and measurement. The flexibility and versatility of the test kit platform is for example reflected in the possibility to process from 24 to 336 test tubes at once by using different test tube racks. The instrument can be configured for the analysis of one test kit application or for multiple test kit applications per sequence such as combinations of COD, total phosphate, total nitrogen and other parameters.



## Fully automatic analyzable NANOCOLOR® tests

| Test                                 | REF                     | Measuring range                     | No. of tests |
|--------------------------------------|-------------------------|-------------------------------------|--------------|
| Ammonium 3                           | 985603                  | 0.04–2.30 mg/L NH <sub>4</sub> -N   | 20           |
| Ammonium 50                          | 985605                  | 1–40 mg/L NH <sub>4</sub> -N        | 20           |
| Chloride 50 *                        | 985621                  | 0.5–50.0 mg/L Cl <sup>-</sup>       | 20           |
| Chloride 200 *                       | 985619                  | 5–200 mg/L Cl <sup>-</sup>          | 20           |
| COD 60 *                             | <b>ISO 15705</b> 985622 | 5–60 mg/L O <sub>2</sub>            | 20           |
| COD 160 *                            | <b>ISO 15705</b> 985626 | 10–160 mg/L O <sub>2</sub>          | 20           |
| COD 600 *                            | <b>ISO 15705</b> 985630 | 50–600 mg/L O <sub>2</sub>          | 20           |
| COD 1500 *                           | <b>ISO 15705</b> 985629 | 100–1500 mg/L O <sub>2</sub>        | 20           |
| COD 15000 *                          | 985628                  | 1.0–15.0 g/L O <sub>2</sub>         | 20           |
| COD LR 150 *                         | <b>ISO 15705</b> 985636 | 3–150 mg/L O <sub>2</sub>           | 19           |
| COD HR 1500 *                        | <b>ISO 15705</b> 985638 | 20–1500 mg/L O <sub>2</sub>         | 19           |
| Nitrate 8 *                          | 985665                  | 0.30–8.00 mg/L NO <sub>3</sub> -N   | 20           |
| Nitrate 50 *                         | 985664                  | 0.3–22.0 mg/L NO <sub>3</sub> -N    | 20           |
| Nitrite 2 *                          | 985668                  | 0.003–0.460 mg/L NO <sub>2</sub> -N | 20           |
| Nitrite 4                            | 985669                  | 0.1–4.0 mg/L NO <sub>2</sub> -N     | 20           |
| Phenolic index 5 *                   | 985674                  | 0.2–5.0 mg/L Phenol                 | 20           |
| total Phosphate 1 *                  | 985676                  | 0.05–1.50 mg/L P                    | 20           |
| total Phosphate 5 *                  | 985681                  | 0.20–5.00 mg/L P                    | 20           |
| total Phosphate 15 *                 | 985680                  | 0.30–15.00 mg/L P                   | 20           |
| ortho Phosphate 1 *                  | 985607                  | 0.05–1.50 mg/L P                    | 20           |
| ortho Phosphate 15 *                 | 985657                  | 0.30–15.00 mg/L P                   | 20           |
| total Nitrogen TN <sub>0</sub> 22 *  | 985683                  | 0.5–22.0 mg/L N                     | 20           |
| total Nitrogen TN <sub>0</sub> 220 * | 985688                  | 5–220 mg/L N                        | 20           |
| Sulfide 3 *                          | 985673                  | 0.05–3.00 mg/L S <sup>2-</sup>      | 20           |

Only with MN: COD up to 15 g/L O<sub>2</sub>

\* This product contains harmful substances which must be specially labelled as hazardous. For detailed information please see SDS.

### Contact:

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